



OCTOBER 2014

ICMC RECERTIFICATION SUMMARY AUDIT REPORT

EL SAUZAL MINE CHIHUAHUA, MEXICO

Submitted to:

International Cyanide Management Institute (ICMI) 888 16th Street, NW-Suite 303 Washington, DC 20006 United States Of America Mina El Sauzal Minas De La Alta Pimeria SA de CV Obregon 854 Pte. Col. Centro Los Mochis, Sinaloa CP 81200 México

Project Number: 1400889

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Table of Contents

1.0	SUMMARY AUDIT REPORT FOR GOLD MINING OPERATIONS1		
2.0	LOCA	TION DETAIL AND DESCRIPTION OF OPERATION	2
	2.1	Mine Location	2
	2.2	Background	3
SUN	IMARY	AUDIT REPORT	4
	Audito	s Findings	4
	Name	of Other Auditors	4
	Dates	of Audit	4
PRII	NCIPLE	1 – PRODUCTION	5
PRII	NCIPLE	2 – TRANSPORTATION	6
PRII	NCIPLE	3 – HANDLING AND STORAGE	7
PRII	NCIPLE	4 – OPERATIONS	9
PRII	NCIPLE	5 - DECOMMISSIONING1	6
PRII	NCIPLE	6 – WORKER SAFETY1	7
PRII	NCIPLE	7 – EMERGENCY RESPONSE2	1
PRII	NCIPLE	8 – TRAINING2	5
PRII	NCIPLE	9 – DIALOGUE2	8
	JRES		
Figu	re 1: Re	egional Location Map	2
Eia	ro 2: Dr	occos Flow Diagram	2





1.0 SUMMARY AUDIT REPORT FOR GOLD MINING OPERATIONS

Name of Mine: El Sauzal Mine
Name of Mine Owner: Goldcorp Inc.

Name of Mine Operator: Minas De La Alta Pimeria SA de CV

Name of Responsible Manager: Bill Humphrey

Address: Obregon 854 Pte.

Colonia Centro Los Mochis

State/Province: Sinaloa CP 81200

Country: Mexico

Telephone: +52-668-816-0180

Fax: +52-668-816-0189

E-Mail: Bill.Humphrey@goldcorp.com



2.0 LOCATION DETAIL AND DESCRIPTION OF OPERATION

2.1 Mine Location

The El Sauzal Mine (El Sauzal), operated by Goldcorp Inc.'s wholly owned subsidiary Goldcorp Mexico, is located in Chihuahua, Mexico approximately 250 kilometers (km) southwest of the state capital Chihuahua City (Figure 1). The climate is semi-tropical with hot summers (as high as 42 degrees Celsius [C]) and mild winters (10-15 degrees C). The El Sauzal region is mountainous, forming part of the Sierra Madre mountain chain with elevations ranging above 2,000 meters (m) in certain parts. The mine is accessed from the city of Los Mochis located near the Pacific Coast at the intersection of Highways 15 and 23 to the City of Choix along Highway 23. El Sauzal has constructed an access road from Choix approximately 100 km to the mine. El Sauzal receives approximately 800 millimeters (mm) of precipitation per year with most of the rainfall occurring during July and August. The maximum mean monthly precipitation occurs in July and is approximately 250 mm. Average annual evaporation is estimated at 2,400 mm per year.

In general, the area surrounding the mine is sparsely populated due to the rugged terrain. There are approximately 22 communities within approximately 100 km of the mine, although the majority of these communities are small with only hundreds to a thousand residents. The largest community is Choix with approximately 20,000 residents. The Town of Urique is the district center. Most residents are comprised of indigenous tribes (Tarahumara) and persons of Hispanic descent.

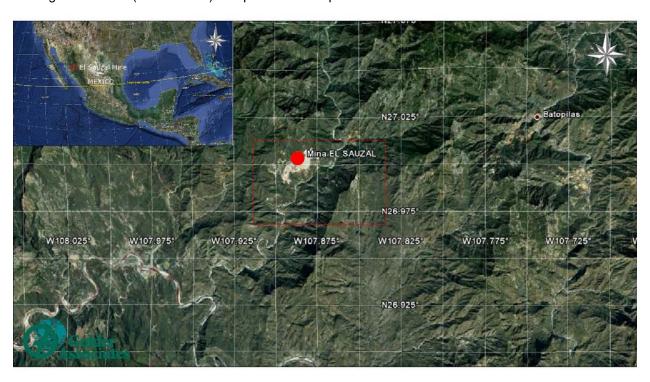


Figure 1: Regional Location Map

Signature of Lead Auditor

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Date

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Associates



2.2 **Background**

El Sauzal is comprised of an open pit mine, waste rock storage areas, a cyanide leach process with carbon-in-pulp processing, tailings cyanide detoxification plant using both Caro's acid and INCO SO₂ processes, tailings dewatering filter press facility to develop dry tailings, and an Adsorption, Desorption and Recovery (ADR) processing plant to recover gold and silver. The open pits have been developed by conventional mining methods using trucks and loaders to extract gold-bearing ore. The waste is transported by trucks to the storage area developed specifically for this purpose. Ore is processed through the milling and grinding circuit prior to leaching in process tanks. El Sauzal receives solid sodium cyanide from DuPont De Nemours & Co., Inc. (DuPont) delivered to the site in flobins within transport containers. The process area is constructed within concrete secondary containments that cascade to the tailings detoxification plant and filter press with an emergency overflow to the emergency pond. The tailings detoxification plant at El Sauzal treats the slurry from approximately 150 milligrams per liter (mg/L) free cyanide to below 2 mg/L total cyanide. After the detoxification step, the tailings slurry is thickened and then pumped to filter presses for the removal of free moisture. The dry tailings have a moisture content of approximately 13 percent. The detoxified dry tailings are conveyed from the filter presses to the dry stack tailings facility. The dry stack facility is developed in an ephemeral drainage below the process facilities with upstream surface water controls. There is no open water associated with the dry stack tailings. The underdrain water from the dry stack discharges to a rockfill where it infiltrates into an ephemeral watercourse. There is a sedimentation basin located approximately 2 km downstream in the ephemeral watercourse, prior to its confluence with the Rio Urique.

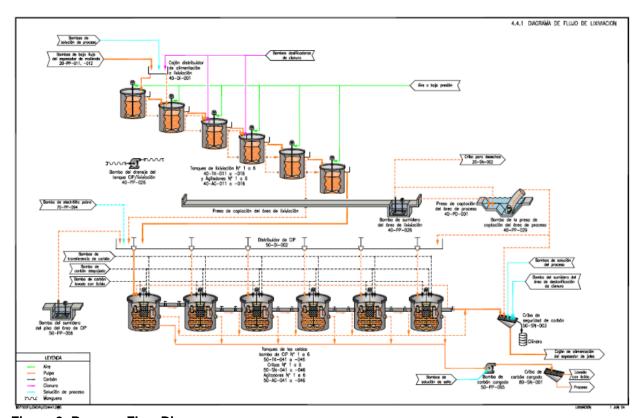


Figure 2: Process Flow Diagram

El Sauzal Mine





October 2014 Project No. 1400889



SUMMARY AUDIT REPORT Auditors Findings

	in full compliance with	
El Sauzal is:	in substantial compliance with	The International Cyanide Management Code
	not in compliance with	
No significant cyanide incident period.	s or cyanide exposure incidents were not	ted as occurring during the audit
Audit Company:	Golder Associates	
Audit Team Leader:	Kent R. Johnejack, Lead Auditor and Min	ing Technical Specialist
Email:	kiohneiack@golder.com	

Name of Other Auditors

Name, Position	Signature
Bruno Pizzorni, ICMI Pre-certified Mining Technical Specialist	Sir
	/ /

Dates of Audit

The recertification audit was undertaken over 4 days, between July 8 and 11 of 2014.

I attest that I meet the criteria for knowledge, experience and conflict of interest for Code Verification Audit Team Leader, established by the International Cyanide Management Institute and that all members of the audit team meet the applicable criteria established by the International Cyanide Management Institute for Code Verification Auditors.

I attest that this Summary Audit Report accurately describes the findings of the verification audit. I further attest that the verification audit was conducted in a professional manner in accordance with the International Cyanide Management Code Verification Protocol for Cyanide Gold Mine Operations and using standard and accepted practices for health, safety and environmental audits.

El Sauzal Mine

October 8, 2014

Date

Name of Facility Signature of Lead Auditor

El Sauzal Mine Name of Facility Signature of Lead Auditor

October 8, 2014
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PRINCIPLE 1 – PRODUCTION

Encourage Responsible Cyanide Manufacturing by Purchasing from Manufacturers that Operate in a Safe and Environmentally Protective Manner

Standard of Practice 1.1:	Purchase cyanide from manufacturers employing appropriate practices and procedures to limit exposure of their workforce to cyanide, and to prevent releases of cyanide to the environment	
	⊠ in full compliance with	
The operation is	in substantial compliance with	Standard of Practice 1.1
	not in compliance with	

Summarize the basis for this finding/deficiencies identified:

The operation is in full compliance with Standard of Practice 1.1, requiring the operation purchase cyanide from manufacturers employing appropriate practices and procedures to limit exposure of their workforce to cyanide and to prevent releases of cyanide to the environment.

El Sauzal purchases cyanide only from DuPont who manufactures it at their plant in Memphis, Tennessee. Clause 13 of the El Sauzal contact requires that the cyanide manufacturer and its supply chain be certified under the Code. DuPont's Memphis plant has been certified since 2006 and was most recently recertified in 2013. DuPont's warehouse in Hermosillo, Sonora has been certified since 2010 and was most recently recertified in 2014. The auditors reviewed bills of lading showing that El Sauzal purchased cyanide from only DuPont during the recertification period.

El Sauzal Mine Name of Facility Signature of Lead Auditor



PRINCIPLE 2 – TRANSPORTATION

Protect Communities and the Environment during Cyanide Transport

Standard of Practice 2.1:	prevention, training and emergency response in written agreements with producers, distributors and transporters.		
	oxtimes in full compliance with		
The operation is	in substantial compliance with	Standard of Practice 2.1	
	not in compliance with		
Summarize the basis for the	nis finding/deficiencies identified:		
clear lines of responsibility	opliance with Standard of Practice 2.1, required for safety, security, release prevention, traiducers, distributors and transporters.	•	
Tennessee. Clause 13b of responsibility, safety, security.	nide only from DuPont, who manufacture the contract covers all of the Code requirem rity, release prevention, training, and eme ated responsibilities extend to all parties in the	ents for establishing clear lines of rgency response. Clauses 13a	
Standard of 2.2:	Require that cyanide transporters implied response plans and capabilities and e cyanide management		
	oxtimes in full compliance with		
The operation is	in substantial compliance with	Standard of Practice 2.2	
	not in compliance with		
Summarize the basis for the	nis finding/deficiencies identified:		
	mpliance with Standard of Practice 2.2, re rgency response plans and capabilities and		
Sauzal purchased cyanide	e from DuPont, who manufactures it at their under two different agreements (i.e., 2009-use 13d of both contracts requires the	2012 and 2012-2015) during the	
•	nce because the entire DuPont supply cha mine has been certified throughout the re	•	

El Sauzal Mine Name of Facility Signature of Lead Auditor

reviewed the various supply chain audit reports on the ICMI website to confirm compliance. The auditors also reviewed bills of lading provided by El Sauzal to confirm that they only received cyanide via the

certified DuPont supply chain throughout the mine's recertification period.

Date



PRINCIPLE 3 - HANDLING AND STORAGE

Protect Workers and the Environment during Cyanide Handling and Storage

Standard of Practice 3.1:	Design and construct unloading, storage and mixing facilities consistent with sound, accepted engineering practices, quality control/quality assurance procedures, spill prevention and spill containment measures.			
	☑ in full compliance with			
The operation is	in substantial compliance with Standard of Practice 3.1			
	not in compliance with			
Summarize the basis for t	his finding/deficiencies identified:			
storage facilities are desigr	npliance with Standard of Practice 3.1, requiring that cyanide handling and ned and constructed consistent with sound, accepted engineering practices, ntrol (QA/QC) procedures, spill prevention and spill containment measures.			
The cyanide unloading, storing, and mixing facilities consist of a warehouse, a mixing tank, and a storage tank. El Sauzal receives solid cyanide in flobins. These facilities are the same as were certified in 2008 and 2011. The auditors observed them to be in good condition during the 2014 site visit. Therefore, the conclusions of the previous certification reports remain valid.				
The cyanide unloading and storage areas are located away from people and surface water. The warehouse and plant are located away from the mine camp and there are no villages in the immediate vicinity of the mine. The nearest perennial watercourse is the Rio Urique some 2 km away.				
El Sauzal has installed level sensors in the mixing and storage tanks to prevent overflows. The auditors observed the tank levels on the control room panel to confirm the sensors were functioning. Both tanks have overflow pipes that report to the sump in the secondary containment.				
El Sauzal has installed the mixing and storage tanks on concrete bases within concrete secondary containment that prevent seepage to the subsurface. The auditors observed them to be in good condition.				
El Sauzal stores the solid cyanide in flobins within the warehouse. The warehouse is open at the roofline to provide adequate ventilation, and has a roof, walls, and a concrete floor sloped to a sump to prevent contact with water. The warehouse door is kept locked and the warehouse itself is located within the secure mine compound. The flobins are stored within their own containment area away from incompatible materials, foods, feeds, and tobacco.				
Standard of Practice 3.2:	Operate unloading storage and mixing facilities using inspections, preventative maintenance and contingency plans to prevent or contain releases and control and respond to worker exposures.			
	☑ in full compliance with			
The operation is	in substantial compliance with Standard of Practice 3.2			
	not in compliance with			

El Sauzal Mine Name of Facility

Signature of Lead Auditor



Summarize the basis for this finding/deficiencies identified:

The operation is in full compliance with Practice 3.2 requiring that cyanide handling and storage facilities are operated using inspections, preventive maintenance, and contingency plans to prevent or contain releases and control and respond to worker exposures.

El Sauzal has developed and kept current three standard operating procedures (SOPs) for safely operating cyanide unloading, storage, and mixing facilities. They have SOPs for unloading the flobins from the truck into the warehouse, for transferring the flobins from the warehouse to the mixing area, and for preparing the 25 percent liquid cyanide in the mixing tank. Flobins are stacked no more than two levels high in the warehouse and are tracked according a first-in first-out method. Pre-mixing inspections are documented on a checklist. Two operators, wearing appropriate personal protective equipment (PPE), are used for mixing with one as an observer. Operators follow a written procedure to operate pumps and valves during mixing and to rinse off the flobin and tank after the mixing event. Empty flobins are rinsed, secured, and returned to the supplier. The auditors observed a transfer from the warehouse to the mixing area, as well as a mixing event, to confirm compliance. The auditors also reviewed checklists from throughout the recertification period.

El Sauzal Mine

Date

October 8, 2014



PRINCIPLE 4 – OPERATIONS

Manage Cyanide Process Solutions and Waste Streams to Protect Human Health and the Environment

Standard of Practice 4.1:	Implement management and operating systems designed to protect human health and the environment including contingency planning and inspection and preventative maintenance procedures.	
	☑ in full compliance with	
The operation is	in substantial compliance with	Standard of Practice 4.1
	not in compliance with	

Summarize the basis for this finding/deficiencies identified:

The operation is in full compliance with Standard of Practice 4.1, requiring that the operation implement management and operating systems designed to protect human health and the environment including contingency planning and inspection and preventive maintenance procedures.

El Sauzal has adopted or developed management and operating systems to protect human health and the environment. El Sauzal operates under three management systems: Clean Industry (Industria Limpia); Socially Responsible Company (Empresa Socialmente Responsible), and the Goldcorp Sustainability Excellence Management System (SEMS). The first two systems are national programs in Mexico and the third is an internal Goldcorp system that contains policy statements for occupational health and safety; environmental and sustainability, social responsibility, human rights, conduct, and security. It includes standards to implement each of those policies, including EP-1 related to cyanide management. EP-1 specifies that all Goldcorp operations will be certified and operated under the Code.

El Sauzal has developed over 20 SOPs that describe the standard practices for safe and environmentally sound operation of the cyanide facilities. SOPs include the following items: change control, work objective, scope, responsibilities, definitions, materials, equipment, tools, PPE, precautions, waste management, detailed process description, references and distribution.

There have been no significant changes to the cyanide facilities, and therefore the assumptions, parameters, and operating criteria are the same as the initial audit in 2008 and the recertification audit in 2011. These assumptions, parameters, and operating criteria are well understood at El Sauzal, as indicated by a diagram of installations and equipment showing the typical concentrations for free cyanide (e.g., 220 to 300 mg/L in the leaching area, less than 2 mg/L after cyanide destruction). The safe pH for mixing is 11.5 to 12 standard units (su), as defined in the procedure for preparing 25 percent liquid sodium cyanide. El Sauzal has only one pond, the emergency pond for the plant. This pond is kept dry except in upset conditions. Freeboard is 0.5 m and neutralization procedures to keep WAD cyanide below 50 mg/L are described in the procedure for removal of slurry or solution.

El Sauzal has a change management that addresses the potential impacts of the proposed changes on the environment, as well as health and safety, and the control measures to mitigate them. The procedure is accompanied by a form that requires supervisor approval. The auditors reviewed completed change management records for two minor changes to verify compliance.

El Sauzal has developed contingency procedures for situations related to upsets, deviations, and temporary closures/cessation of operations. These include the Plan for Attention to Contingencies, the Emergency Response Plan (ERP), and a specific SOP, accompanied by a PowerPoint presentation, for

El Sauzal Mine Name of Facility Signature of Lead Auditor





upsets and/or spills related to the Emergency Pond. The site closure plan addresses temporary closure or cessation of operations.

El Sauzal inspects the cyanide facilities on a daily, weekly, and monthly frequency (depending on the type of inspection and department completing the inspection) to assure and document that they are functioning properly. The inspections include secondary containments, pipelines, pumps, and valves at the plant. The inspections also include the freeboard in the emergency pond (in the event that it is not dry) and the condition of the upstream embankment, downstream embankment, and underdrain of the dry tailings facility. The operation does not have any facilities that require a leak detection, collection, and recovery system. El Sauzal commissions a consultant to perform non-destructive testing on cyanide tanks and vessels every 2 years, with the latest testing completed in 2012 and 2014. The auditors reviewed examples of completed inspection forms and testing to verify compliance.

El Sauzal documents inspections using variety of forms that contain the date of inspection, the name of the inspector, and observed deficiencies. The nature and date of corrective actions are tracked in the MINEBOSS program as part of the maintenance program.

El Sauzal has implemented a maintenance program using the MINEBOSS software that includes planned (preventative) and unplanned (reactive) maintenance. The maintenance process includes weekly planning, daily scheduling, work order generation, work order closure, and monthly reporting. The auditors reviewed examples of the weekly plans, daily schedules, and monthly reports from throughout the recertification period to verify compliance, as well as the maintenance history for a specific cyanide distribution pump. El Sauzal also has redundant equipment, installed and ready to run, for key cyanide components and spare parts in the warehouse and workshop.

El Sauzal has five generators of 1.25 megawatts each to operate pumps and other equipment in the event the primary power source is interrupted. El Sauzal contracts with an outside contractor, MASQA, to maintain the generators. In addition, the plant maintenance staff visually inspect the generators on a daily basis. The auditors reviewed examples of completed service reports and daily generation reports from throughout the recertification period to verify compliance.

Standard of Practice 4.2:	Introduce management and operating systems to minimize cyanide use, thereby limiting concentrations of cyanide in mill tailings.	
	oxtimes in full compliance with	
The operation is	in substantial compliance with	Standard of Practice 4.2
	not in compliance with	

Summarize the basis for this finding/deficiencies identified:

The operation is in full compliance with Standard of Practice 4.2, requiring that the operation limit the use of cyanide to that optimal for economic recovery of gold so that the waste tailings material has as low a cyanide concentration as practical.

The ore characteristics have not varied much throughout the recertification period and therefore El Sauzal has not needed to re-evaluate the standard addition rate of 220 to 300 mg/L free cyanide that was established early in the mine life. El Sauzal has adopted one control strategy for making real-time adjustments: manual titration followed by adjustments to the dosification pump. El Sauzal has implemented this strategy by measuring free cyanide in six tanks at three times per shift and adjusting the cyanide addition rate as needed. At the time of the site visit, the dosification rate was between 270 and

El Sauzal Mine Name of Facility Signature of Lead Auditor

October 8, 2014





300 mg/L free cyanide, which is within the range of the initially determined standard addition rate of 220 to 300 mg/L free cyanide. The auditors reviewed examples of the control room daily reports from throughout the recertification period to verify compliance.

Standard of Practice 4.3:	Implement a comprehensive water managainst unintentional releases.	nagement program to protect		
	oxtimes in full compliance with			
Γhe operation is	in substantial compliance with	Standard of Practice 4.3		
	not in compliance with			
Summarize the basis for the	nis finding/deficiencies identified:			
•	pliance with Standard of Practice 4.3, requir gement program to protect against unintentio	• .		
water balance that was fou balance is less important at han a heap leach), the taili	water balance that is both comprehensive ar nd compliant in the 2008 and 2011 audits. El Sauzal than at many mines because lead ngs are placed as a dry stack (rather than as emergency pond for the plant.	It should be noted that a water ching takes place in tanks (rather		
The spreadsheet model includes water inflows for direct precipitation, more moisture content, makeup vater, and recovered water from the dried tailings. It includes water outflows for residual water in the liried tailings and evaporation. Four precipitation scenarios are considered in the model. Run-on is napplicable because the plant and pond are raised and curbed. Freezing and thawing are also napplicable given the hot climate. The model does not consider power outages because all solution lows in the plant would stop in a power outage and because backup generators are designed to automatically start in an outage.				
Given the simplicity of the water balance at El Sauzal, the regular plant inspections and monitoring of the process circuits from the control room are adequate to prevent unplanned discharges. The small emergency pond is normally dry and actively managed according to a written procedure when it does contain solution or slurry.				
El Sauzal measures precipitation at two onsite rain gages located at the mine office and the mine camp. The model is updated monthly with the current data. The auditors observed that the model included 2014 precipitation up to the time of the site visit.				
Standard of Practice 4.4:	tandard of Practice 4.4: Implement measures to protect birds, other wildlife and livestock fro adverse effects of cyanide process solutions.			
	$oxed{\boxtimes}$ in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 4.4		
	not in compliance with			
Summarize the basis for the	nis finding/deficiencies identified:			
The operation is in full compliance with Standard of Practice 4.4, requiring the operation implement neasures to protect birds, other wildlife and livestock from adverse effects of cyanide process solutions.				

El Sauzal Mine Name of Facility Signature of Lead Auditor



The physical and operational measures instituted by El Sauzal have prevented significant wildlife mortality during the recertification period. The mine property is fenced to the extent the rugged topography allows. El Sauzal does not have a heap leach facility and the dry stack tailings facility does not have any open water. The only open water is the emergency pond, which is surrounded by a chain link fence. This pond is available for plant upsets of tailings slurry or process solution. The emergency pond is typically dry and El Sauzal has a procedure to empty it within 24 hours or neutralize its contents if the concentration of WAD cyanide is greater than 50 mg/L. El Sauzal provided sampling data for the limited periods when the Emergency Pond had water that showed the concentrations of WAD cyanide were less than 50 mg/L during the recertification period.

The only reported mortality was a cow in 2011. The incident investigation stated that the cow apparently was exposed to a toxin, perhaps cyanide, somewhere in the plant rather than at the emergency pond, the only open water at the site. El Sauzal conducts weekly wildlife inspections that document the presence of wildlife, birds, and cattle, as well as mortalities should there be any.

whalle, blide, and datte, de well de mortalities droug there are				
Standard of Practice 4.5:	Implement measures to protect fish and wildlife from direct or indirect discharges of cyanide process solutions to surface water.			
	☑ in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 4.5		
	not in compliance with			
Summarize the basis for the	nis finding/deficiencies identified:			
	mpliance with Standard of Practice 4.5, rend wildlife from direct or indirect discharges			
El Sauzal does not have a direct discharge to surface water. El Sauzal has a potential indirect discharge to surface water from the underdrain/seepage from the dry stack tailings. This water is absorbed by a rock filter at the toe of the facility and has the potential to travel as subsurface flow in an ephemeral arroyo for approximately 2 km to the Rio Urique. El Sauzal provided monthly sampling results from the Rio Urique downstream of the ephemeral arroyo showing non-detect WAD cyanide levels throughout the recertification period. Given that free cyanide is considered a subset of WAD cyanide, the auditors concluded it is highly unlikely that the concentration of free cyanide is in excess of 0.022 mg/L in surface water downstream of the confluence of the ephemeral arroyo and the Rio Urique.				
Standard of Practice 4.6: Implement measures designed to manage seepage from cyanide facilities to protect the beneficial uses of groundwater.				
	in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 4.6		
	not in compliance with			
Summarize the basis for the	nis finding/deficiencies identified:			
The operation is in full com	ppliance with Standard of Practice 4.6, requ	iring the operation to implement		

El Sauzal Mine Name of Facility

groundwater.

Signature of Lead Auditor

measures designed to manage seepage from cyanide facilities to protect the beneficial uses of





El Sauzal is located on a mountainside with thin soils underlain by bedrock, and as such does not have an aquifer with beneficial uses of groundwater beneath the mine or even immediately downgradient of the mine. The shallow alluvium of the Rio Urique, some 2 km downhill from the mine, constitutes an aquifer, but the source of the groundwater is likely to derive from the surface water-groundwater connection along the river.

El Sauzal has implemented measures to protect groundwater. The plant has concrete floors and the Emergency Pond is lined with geomembrane. Tailings are treated to approximately 2 mg/L WAD cyanide and the tailings are dried in the filter plant before placement in the dry stack tailings facility. The auditors reviewed a time series graph for monthly samples of the treated slurry that showed a maximum of 2.25 mg/L WAD cyanide throughout the recertification period.

El Sauzal does not have a point of compliance or monitoring wells along the river, and as such there is no applicable numerical standard. Nonetheless, El Sauzal collects quarterly samples from its two active groundwater extraction wells along the river. These wells are located approximately 2 km downhill from the mine in the alluvium along the Rio Urique. The auditors reviewed a time series graph of quarterly results for these wells that showed the concentrations of WAD and total cyanide were non-detect at <0.01 mg/L throughout the recertification period.

and pipelines.	measures for	process tank	S
igtimes in full compliance with			
in substantial compliance with	Standard of Pra	ctice 4.7	
not in compliance with			
	and pipelines. ☑ in full compliance with ☐ in substantial compliance with ☐	and pipelines. ☑ in full compliance with ☐ in substantial compliance with ☐ Standard of Pra	in full compliance with ☐ in substantial compliance with ☐ Standard of Practice 4.7

Summarize the basis for this finding/deficiencies identified:

The operation is in full compliance with Standard of Practice 4.7 requiring that the operation provide spill prevention or containment measures for process tanks and pipelines.

El Sauzal has provided concrete secondary containments for all mixing, storage, and process tanks, as well as level sensors for spill prevention. Containments have sumps to return solutions to the process circuit. The plant overall has a series of interconnected containments that in the end report to the Emergency Pond. El Sauzal verified that the capacity of the Emergency Pond is at least 110 percent of the largest process tank. El Sauzal has a written procedure for removal of solution or slurry from the Emergency Pond.

Pipelines outside the containments are located on pipe rack trays or have half pipe containments that drain back to concrete containment. A pipeline leaves the leach circuit to convey tailings slurry to the detox plant located approximately 50 m away. Another pipeline brings the detoxified solution back to the leach circuit. The overall process area is compact and self-contained so there are no long pipeline runs.

El Sauzal has not implemented special protection for surface water over and above the existing secondary containment measures because the nearest perennial watercourse is the Rio Urique approximately 2 km away from the site.

All tank and pipeline materials were observed to be steel and HDPE in good condition, which are compatible with cyanide and high pH.

El Sauzal Mine Name of Facility Signature of Lead Auditor

October 8, 2014





Standard of Practice 4.8:	Implement quality control/quality assurance procedures to confirm that cyanide facilities are constructed according to accepted engineering standards and specifications.			
	$oxed{\boxtimes}$ in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 4.8		
	not in compliance with			
Summarize the basis for the	nis finding/deficiencies identified:			
	The operation is in full compliance with Standard of Practice 4.8 requiring that operations implement A/QC procedures to confirm that cyanide facilities are constructed according to accepted engineering tandards and specifications.			
the recertification period. The this facility continues to recoperational rather than consummary, the cyanide facility the previous certification reprograms, their content, as	ed any new cyanide facilities, or modified any nee embankments of the dry stack tailings factive filtered uncompacted tailings, the audistruction that would require a quality control of ties are the same as were certified in 2008 apports remain valid with respect to quality and their review. The auditors verified a distributed in several locations and as a correct to the several several several and the several	ility have not changed. Although tors consider this process to be or quality assurance program. In and 2011 and the conclusions of a control and quality assurance that El Sauzal has retained		
Standard of Practice 4.9:	Implement monitoring programs to evaluon wildlife, surface and groundwater qua			
	oxtimes in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 4.9		
	not in compliance with			
Summarize the basis for the	nis finding/deficiencies identified:			
•	npliance with Standard of Practice 4.9 requate the effects of cyanide use on wildlife, su			
El Sauzal has developed, and kept current, a plan for environmental monitoring. This plan is the same as was found compliant in the 2008 and 2011 audits; the most recent version is dated June 2013. This plan describes sampling locations, sampling frequency, sampling methods (i.e., filtration, containerization, and preservation), chain of custody procedures, shipping instructions, and analyte lists with cyanide species. The plan was developed and updated by El Sauzal staff with education and experience in environmental science and chemistry. El Sauzal sends samples to Silver Valley Laboratories Inc., a laboratory certified for cyanide analyses.				
El Sauzal monitors surface water at two stations in the ephemeral arroyo downstream of the dry stack tailings and at two stations in the perennial Rio Urique. There is no groundwater resource at the mine itself due to the mountainous terrain, but El Sauzal monitors groundwater at two water supply wells near the Rio Urique. These wells are located approximately 2 km downhill from the mine in the shallow alluvium along the Rio Urique. Field parameters and observations during sampling (e.g., weather wildlife, livestock, and human factors) are recorded on field forms during sampling. El Sauzal monitors surface water at weekly to monthly frequencies, depending on the station, and groundwater at a quarterly				

El Sauzal Mine Name of Facility Signature of Lead Auditor





frequency. The auditors reviewed examples of completed chain of custody forms and completed field forms from throughout the recertification period to verify compliance.

El Sauzal inspects for wildlife mortalities on a weekly basis using a field form. This frequency is adequate given that there is only one small pond with open water and WAD concentrations are maintained at less than 50 mg/L in the pond and treated dry stack tailings.

El Sauzal Mine Name of Facility Signature of Lead Auditor

October 8, 2014
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PRINCIPLE 5 - DECOMMISSIONING

Protect Communities and the Environment from Cyanide through Development and Implementation of Decommissioning Plans for Cyanide Facilities.

Standard of Practice 5.1:	cyanide facilities to protect human health, wildlife and livestock.			
	oxtimes in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 5.1		
	not in compliance with			
Summarize the basis for th	nis finding/deficiencies identified:			
•	ompliance with Standard of Practice 5.1 ffective decommissioning of cyanide facilitie	. •		
activities and procedures, equipment and areas in coltailings facility, emergency contains a schedule showing be conducted on a yearly be	El Sauzal has a Closure Plan updated by Goldcorp in 2011. The Closure Plan details the mine closure activities and procedures, including the activities to remove remaining cyanide and decontaminate equipment and areas in contact with cyanide by triple rinsing. The Closure Plan covers the dry stack ailings facility, emergency pond, process plant, and cyanide storage warehouse. The Closure Plan contains a schedule showing that the closure process will start in February 2015 and lists the activities to be conducted on a yearly basis, including the activities planned for the cyanide facilities. El Sauzal last updated the Closure Plan in 2011, which is acceptable given that there have been no changes in the cyanide facilities since that time			
Standard of Practice 5.2:	Establish an assurance mechanism carrelated decommissioning activities.	pable of fully funding cyanide		
	oxtimes in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 5.2		
	not in compliance with			
Summarize the basis for th	nis finding/deficiencies identified:			
	pliance with the Standard of Practice 5.2 reble of fully funding cyanide related decommi			
El Sauzal has developed a closure cost model including decommissioning of the cyanide facilities. The auditors confirmed that the cost estimate includes the relevant facilities and activities. The closure cost model uses third-party costs to perform the work, based on quotes from Mexican suppliers and contractors. The closure plan indicates that the closure costs are to be reviewed and updated as appropriate on an annual basis and the auditors reviewed earlier versions of the cost model confirming that this is true. The Mexican government does not require financial guarantees and therefore El Sauzal has selected self-guarantee as the financial assurance method. The auditors reviewed a 2011 letter ssued by Deloitte & Touche which considers the sum of US\$ 7.0 million (M) for closure, which is higher than the amount required in 2013 of US\$ 3.49 M for El Sauzal decommissioning, which implies that the 2011 self-guarantee remains valid.				

El Sauzal Mine Name of Facility

Signature of Lead Auditor

Date



PRINCIPLE 6 – WORKER SAFETY

Protect Workers' Health and Safety from Exposure to Cyanide

Standard of Practice 6.1:	necessary to eliminated, reduce and control them.		
	oxtimes in full compliance with		
Γhe operation is	in substantial compliance with	Standard of Practice 6.1	
	not in compliance with		
Summarize the basis for th	nis finding/deficiencies identified:		
	with Standard of Practice 6.1 requiring that e measures as necessary to eliminate, reduce		
El Sauzal has developed and implemented the SOPs for all cyanide-related activities such as: "Sodium cyanide discharge", "Preparation of 25% Strength Liquid Sodium Cyanide", "Management of Pulp in the Carbon in Pulp Circuit", and "Cyanide Destruction", and generally all SOPs needed to safely operate the Process Plant. In order to enter confined space, it has the SOP "Pulp and cyanide solutions in open or closed tanks" and for equipment decontamination, it has the SOP "Decontamination during Maintenance of the Cyanide Process Equipment". All SOPs include sections listing the PPE required to perform the work. Areas where cyanide is used are marked with the mandatory PPE to be used in such work area. Additionally, cyanide training materials contain information about the PPE requirements for cyanide-leated work. Operators perform pre-work inspections for cyanide mixing including verification of Flo-bin seal and status, PPE, showers and eyewash stations, pH monitors, hydrogen cyanide (HCN) gas nonitors, and tank levels, among others.			
El Sauzal has a change management procedure for its processes, the SOP "Changing the operating, metallurgical and maintenance design parameters in the process." The procedure addresses the potential impacts of the proposed changes on workers' health and safety and the necessary control measures to mitigate them. The procedure applies to all areas where workers may be in contact with cyanide such as the area of liquid mixing, grinding, leaching, filtering, and detoxification circuits. The auditors reviewed two completed change management records for minor changes to verify compliance.			
El Sauzal requests and takes its workers' feedback into account to review its work procedures. The means to receive this feedback is the daily 5-minute briefings, daily meetings of the work area, Health and Safety Committee meetings, and especially the annual review of the safe operating procedures, which is carried out in a working group meeting.			
Standard of Practice 6.2:	Operate and monitor cyanide facilities safety and periodically evaluate the effermeasures.		
	oxtimes in full compliance with		
Γhe operation is	in substantial compliance with	Standard of Practice 6.2	
	not in compliance with		
Summarize the basis for th	nis finding/deficiencies identified:		

El Sauzal Mine Name of Facility

Signature of Lead Auditor



The operation is in full compliance with Standard of Practice 6.2 requiring that the site operate and monitor cyanide facilities to protect worker health and safety and periodically evaluate the effectiveness of health and safety measures.

El Sauzal has determined the appropriate pH to limit the HCN gas evolution during mixing and production activities, and controls the pH on a regular basis. The SOP "Preparation of 25% liquid cyanide" indicates that the pH should be greater than 11.5 su. El Sauzal monitors the solution pH before and after preparing liquid cyanide, and monitors the pH in the leaching, adsorption and detox areas.

El Sauzal has fixed cyanide detectors installed in critical areas where cyanide of reagent grade is managed. The detectors are calibrated to emit a light alarm that flashes when HCN formation is detected from 4.7 parts per million (ppm); in these cases, the personnel shall move away until the HCN concentration decreases. When cyanide monitors detect values above 10 ppm, an audible alarm and a visual alarm are activated in the control room display, in addition to the light alarm; in this case, the personnel shall evacuate. They are located in the cyanide mixing and detoxification area. They also have portable HCN detectors in the ADR area, another one in the leaching area and the third one is available in the control room.

El Sauzal has identified areas and activities where workers may be exposed to HCN concentrations greater than the thresholds of 4.7 ppm (prevention) and 10 ppm (evacuation). Work operating procedures and instructions define the required HCN monitoring activities and necessary PPE.

El Sauzal maintains and calibrates its HCN detectors according to the manufacturers' specifications. Using the Mine Boss equipment maintenance software, instrument technicians receive monthly work orders to service this equipment. The three portable monitors are calibrated every 6 months with the "bump test" method.

During the visit to the process plant, auditors verified that El Sauzal has installed signs in critical areas where cyanide is used, such as the reagent warehouse, liquid cyanide mixing area, cyanide pipelines, point of cyanide addition (leaching) and detoxification. Signs warn workers of cyanide presence and the prohibition on eating, drinking and smoking, required PPE, restricted areas and hand-washing.

El Sauzal has eyewash stations/showers and fire extinguishers in strategic places: the cyanide mixing area, ADR, leaching, detox and filter area. The auditors verified that eyewash stations/showers are inspected every week and the health and safety personnel visit and check these facilities on a regular basis.

Dry chemical extinguishers are in strategic locations across the plant. The security personnel inspect the extinguishers every month, and recharge them annually or as required according to the inspection results.

El Sauzal has correctly marked tanks and piping containing cyanide. Similarly, high strength pipes with cyanide solution between the distribution tank and the plant are properly labelled indicating contents and flow direction.

The operation has first aid instructions and cyanide Material Safety Data Sheets (MSDS) in accessible and visible places in Spanish, the language of the reagent store workforce. They are located in the ADR area, cyanide preparation, control room, detoxification area, ambulance, and clinics. The first aid instructions are located with the cyanide emergency kits. The auditor also noted these instructions posted on a big sign in the process plant.

El Sauzal has developed and implemented a written procedure for reporting and investigating incidents, non-conformances, corrective actions and preventive actions. The actions taken to investigate, evaluate, and report work-related incidents, fires, environmental accidents or incidents (spills/leaks) are described in this report, which applies to all types of incidents, including those related to cyanide. The investigation

El Sauzal Mine Name of Facility Signature of Lead Auditor





Standard of Practice 6.3:

ICMC RECERTIFICATION SUMMARY REPORT

Develop and implement emergency response plans and procedures to

reports indicate that monitoring of preventive actions includes adjustments to the maintenance procedures, where applicable. The auditors reviewed investigation reports for two cyanide-related incidents to verify compliance.

respond to worker exposure to cyanide.

in full compliance with

The operation is	in substantial compliance with	Standard of Practice 6.3
	not in compliance with	
Summarize the basis for	this finding/deficiencies identified:	
	mpliance with Standard of Practice 6.3 we ponse plans and procedures to respond	
equipment includes porta thiosulfate. Antidote kits a	ary emergency response equipment to table oxygen tanks, amyl nitrite, first are in the mixing area (ADR circuit), planturity office. They have a defibrillator I facilities.	aid kits, sodium nitrite, and sodium nt control area, metallurgical laboratory,
	the personnel have easy access to the cant. The list of emergency telephone coelinics.	
cyanide kits, activated ca examples of inspection re 2011 to 2014. First aid laboratory, medical facilitie	ections of the first aid equipment and arbon, oxygen tank and mask on a records related to cyanide exposure em kits are in the mixing area (ADR cires and industrial security office. The reipment and ambulances on a weekly base	egular basis. The auditors reviewed bergency kits covering the period from cuit), plant control area, metallurgical medical staff inspects the cyanide kits,
by cyanide events. The Elecase of cyanide exposure details in case of incidents	an ERP to meet all kinds of emergencies RP indicates the location of cyanide kits, e / poisoning, what to do in situations s, response and clean measures, required cyanide and water sampling locations to	, poisoning symptoms and what to do in of potential cyanide releases, contact ed PPE, reporting, corrective actions for
the facilities. The Aerojon by plane. El Sauzal med	ere is air transportation to evacuate inju nacha Air Carrier from Guachochi Chihu dical services handle the injured evacu ansported either to Fatima hospital or Aç by land.	uahua has planes for rental 15 minutes uation procedure, which indicates that
of patients exposed to cy facilities to treat cyanide p	vith Fatima hospital in Los Mochis for me vanide. The contract confirms that the poisoned workers. Before 2014, althoug n constant contact with Fatima and Agra	e hospital has medical equipment and gh there was no formal agreement with

El Sauzal Mine Name of Facility Signature of Lead Auditor

through letters and emails sent to/received from the hospitals for coordination, including emergency response training by DuPont and delivery of cyanide emergency kits to each hospital. The medical

Date



facilities have qualified staff, equipment and expertise to respond to cyanide exposures. DuPont trained Fatima and Agraz hospitals doctors and nurses in July 2013 and 2014.

El Sauzal conducts emergency drills based on probable cyanide release/exposure scenarios to test the response procedure and incorporates lessons learned from drills into response planning. El Sauzal performed six cyanide emergency drills during the 3-year recertification period. After each drill, the crew members meet to evaluate the drill performance and incorporate possible improvements into the ERP. The drill results are disseminated to workers during refresher lectures about the ERP.

El Sauzal Mine Name of Facility

Signature of Lead Auditor

Golder

October 8, 2014



PRINCIPLE 7 - EMERGENCY RESPONSE

Protect Communities and the Environment through the Development of Emergency Response Strategies and Capabilities

Standard of Practice 7.1: Prepare detailed emergency response plans for potential cyanide

	releases.	
	oxtimes in full compliance with	
The operation is	in substantial compliance with	Standard of Practice 7.1
	not in compliance with	
Summarize the basis for the	nis finding/deficiencies identified:	
	npliance with Standard of Practice 7.1 which plans for potential cyanide releases.	ch requires that the site prepare
as other types of incidents. consequence of cyanide re have been specified for tas order to protect workers, co cyanide spills. The plan	The ERP and supporting procedures for responding The ERP identifies the critical areas and leases. It also has work procedures in which with cyanide presence. El Sauzal ERP ommunities and the environment in diverse describes in sufficient detail response actual the spill from its origin, containment gation.	I covers potential accidents as a ich emergency response actions considers the actions required in scenarios as a consequence of tions to protect people and the
Practice 7.2:	Involve site personnel and stakeholders	in the planning process.
	in full compliance with	
The operation is	in substantial compliance with	Standard of Practice 7.2
	not in compliance with	
Summarize the basis for the	nis finding/deficiencies identified:	
The operation is in full compersonnel and stakeholders	oliance with Standard of Practice 7.2 which in the planning process.	requires that the site involve site
participate in the emergency if needed add them to ERF mine, emergency response	Aforce and the potentially-affected community response drills and analyze the results to it. During the monthly meetings of the Heat issues are covered, as verified by review the ks to communities near their operation.	dentify upgrade opportunities and lth and Safety Committee of the
	communities that may be affected by the nation of talks in the various communities of the he audit.	
on the seriousness of the external assistance entities observers in the cyanide en	ERP, and maintains contact with third-party event. The ERP contains the list of teleps. Officers from SEMARNAT and Cruznergency drill conducted in October 2012. Is with an emergency vehicle driving course.	phone numbers of contacts with Roja Mexicana participated as n 2014, El Sauzal provided Cruz

October 2014 Project No. 1400889

El Sauzal Mine

Name of Facility

Signature of Lead Auditor





provided 5-hour courses to medical personnel from Agraz and Fatima hospitals in Los Mochis. The courses covered first aid for sodium cyanide intoxication, thus evidencing the interactions with the third-party entities for emergency response.

El Sauzal maintains communication with the stakeholders in order to keep the ERP updated. The operation personnel revises ERP on an annual basis identifying the resources available and updating the evacuation routes and the emergency response actions from the lessons learnt during drills.

Standard of Practice 7.3:	Designate appropriate personnel and and resources for emergency response.	commit necessary equipment
	oxtimes in full compliance with	
The operation is	in substantial compliance with	Standard of Practice 7.3
	not in compliance with	
Summarize the basis for th	nis finding/deficiencies identified:	
•	pliance with Standard of Practice 7.3 which ommit necessary equipment and resources f	•
response. In ERP, main a different managerial areas personnel are allowed to pe chemical products. No emp releases or spills. The ERP Main Alpha Security Booth f the first person responsible The latter will be the individual occurs, until it is substituted emergency equipment and auditors reviewed example ambulances, and fire extingual El Sauzal has its own resource.	e pertinent personnel and allocated equipmend substitute response coordinators are applied the operation: mine, plant, laboratory, and arform containment and cleaning activities for loyee that has not received training is allowed has a telephone list of the operation internation or emergency communication. The ERP standard with the highest rank in the department by a person of higher rank or the General their locations and requires that inspections are of inspections made to eye wash standard to every the 3-year audit term.	pointed. Coordinators belong to nd medical staff. Only qualified releases and/or spills of various do to respond to highly dangerous al contacts, including the 24-hour ates that the shift foreman will be ant Commander assumes control. In the or area where the emergency Manager. The ERP has a list of the be performed periodically. The tations, showers, first aid kits, ince Choix, the closest population,
with outside entities include Fatima Hospitals in Los I emergencies outside of the	eved mountain roads. Nevertheless, the open din the ERP such as the Cruz Roja Mexica Mochis. These outside responders could mine. El Sauzal interacts with them by go them in cyanide spill or intoxication drills per second control of the control o	ana, SEMARNAT, and Agraz and d be involved in transportation living courses related to cyanide
Standard of Practice 7.4:	Develop procedures for internal and exand reporting.	cternal emergency notification
	$oxed{\boxtimes}$ in full compliance with	
The operation is	in substantial compliance with	Standard of Practice 7.4
	not in compliance with	
Summarize the basis for th	nis finding/deficiencies identified:	

El Sauzal Mine Name of Facility Signature of Lead Auditor





The operation is in full compliance with Standard of Practice 7.4 which requires that the site develop procedures for internal and external emergency notification and reporting.

The ERP includes procedures and contact information to notify the management, the regulatory agencies, outside response suppliers and medical facilities in case of a cyanide-related emergency. It has a complete telephone list of the external assistance entities and the telephone numbers of public entities. The ERP describes the mine organization for emergencies, and shows a flow chart where, depending on the seriousness of the event, it indicates that communication should be maintained with governmental agencies, local emergency agencies, external expert groups, and the media.

The ERP includes procedures for notifying the media and contacts in order to warn the potentially affected communities of cyanide related incidents and chemical product spills. The community relations coordinator is responsible for notifying the communities through community leaders. The General Manager is responsible for contacting the media.

Standard of Practice 7.5:	Incorporate in response plans and re elements that account for the addit treatment chemicals.	•
	⊠ in full compliance with	
The operation is	in substantial compliance with	Standard of Practice 7.5
	not in compliance with	

Summarize the basis for this finding/deficiencies identified:

The operation is in full compliance with Standard of Practice 7.5 which requires that the site incorporate in response plans and remediation measures monitoring elements that account for the additional hazards of using cyanide treatment chemicals.

The ERP and Plan for Attention to Contingences describe specific clean up measures in case of possible cyanide spills, how to recover or neutralize solutions and solids, and covers cases of cyanide spills in the plant facilities, leach tank rupture, pipe rupture or disconnection. The SOPs "Sodium Cyanide Neutralization in Spills Applying 13% Sodium Hypochlorite" and "Removal of Tailings Slurry or Solution from the Emergency Pond", detail the necessary measures to neutralize and recover cyanide solutions or solids.

Soil decontamination and management and/or disposal of debris contaminated by cyanide spills are included in ERP and in the Plan for Attention to Contingences, indicating in detail how to recover and dispose the contaminated material.

Regarding the provision of an alternate drinking water supply in case of the water source contamination by cyanide spills, El Sauzal has its own water treatment plant to supply drinking water to the mine personnel. Water supply wells are located approximately 2 km away and upstream of the process activities. No communities or inhabitants water supplies would be endangered and an alternate water supply is unlikely to be required.

Section 3.7 of the ERP prohibits the use of chemicals such as sodium hypochlorite, ferrous sulfate, and hydrogen peroxide to treat cyanide released into surface water. Section 3.7 of the ERP also describes environmental monitoring to identify the extent and effects of a cyanide release, and includes sampling methodologies, parameters and locations.

El Sauzal Mine Name of Facility Signature of Lead Auditor

October 8, 2014





Standard of Practice 7.6:	Periodically evaluate response procedures and capabilities and revise them as needed.		
	$oxed{oxed}$ in full compliance with		
The operation is	in substantial compliance with	Standard of Practice 7.6	
	not in compliance with		
Summarize the basis for t	his finding/deficiencies identified:		
•	pliance with Standard of Practice 7.6, where s and capabilities and revise them as new	•	
elements in its ERP. The a In the 2014 version, it was	dates, on an annual basis, or as deel uditors reviewed previous versions of the verified that the list of telephone numb umbers (telephone and radio frequency)	e ERP covering the 3-year audit term. ers, the emergency brigade member	
effectiveness. The auditors	vanide-related emergency drills on an and reviewed reports of three drills of emergons during 2012, 2013, and 2014.		
opportunities for post-incid page 37 of the ERP "Upgra	ergencies where they have had to deple ent review. However, El Sauzal has deades to the Emergency Response Plan- ties shall be reported for assessment an	developed provisions to do so. On for Future Versions", it indicates that	

Signature of Lead Auditor



PRINCIPLE 8 – TRAINING

Train Workers and Emergency Response Personnel to Manage Cyanide in a Safe and Environmentally Protective Manner

Standard of Practice 8.1:	Train workers to understand the hazar	n workers to understand the hazards associated with cyanide use.		
	oxtimes in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 8.1		
	not in compliance with			
Summarize the basis for the	nis finding/deficiencies identified:			
The operation is in full comp to understand the hazards a	liance with Standard of Practice 8.1 which ssociated with cyanide use.	h requires that the site train workers		
starting work in the operat course. The initial induction	el who may contact cyanide to recognize ion, all newcomers, both employees an includes the following cyanide-related to urs and "Safety Induction", which lasts 2 h	d contractors, attend the induction ppics: "First Aid for Sodium Cyanide		
Cyanide Poisoning Retraini courses through the training training matrices for the 3-y poisoning is being provided	refresher training on hazards associated ng", as shown in the annual training play matrix worksheet "2014 Training Course ear audit period, and verified that the refront The auditors also reviewed examples of the 3-year audit period and interviewed fierly provided.	an. El Sauzal tracks the refresher e Data". The auditors reviewed the resher course in first aid for cyanide of attendance records related to the		
	the cyanide training in the employees' work raining history through a training matrix. staff to verify compliance.			
Standard of Practice 8.2:	Train appropriate personnel to op systems and procedures that protect and the environment.			
	☑ in full compliance with			
The operation is	in substantial compliance with	Standard of Practice 8.2		
	not in compliance with			
Summarize the basis for the	nis finding/deficiencies identified:			
	mpliance with Standard of Practice 8.2 perate the facility according to systems ane environment.			
El Sauzal trains its employ	ees to perform their normal production	tasks, including unloading, mixing,		

El Sauzal Mine Name of Facility Signature of Lead Auditor

production and maintenance. The immediate supervisor is responsible for providing this training, using the SOPs as training material. Then the supervisor accompanies the employee or assigns a companion to work together during the first days until he/she is able to perform on his/her own. However, the

October 8, 2014 Date



Project No. 1400889

employee is under a supervisor's ongoing observation so that tasks are carried out in a manner that prevents exposures and releases.

El Sauzal uses its SOPs as task training material. They identify all the necessary elements to train employees in the cyanide related job. The auditors reviewed the SOPs and verified that they include safety objectives, measures and inspections before performing the job, identification of hazardous materials, required PPE, tools, detailed description of the process, emergency controls, and procedures. Additionally, the auditors interviewed field personnel to verify their knowledge of the operating procedures.

In El Sauzal, task training related to cyanide management activities is provided by qualified personnel. Training is in charge of the operations personnel and supervisors with years of experience in the operation. In the process plant, trainers are grinding supervisors, filter supervisors, and the cyanide champion, who have five to ten years of experience in the operating procedures. Through interviews and review of the training records, the auditors confirmed that task training is provided by trainers in operating positions and process plant supervisors with effective communication skills, as stated by the personnel during the interview.

El Sauzal trains its personnel before being allowed to work with cyanide without supervision. Section 5.3 of all SOPs states that no person shall operate equipment if he/she has not been properly trained, unless in the training period he/she is accompanied by an operator certified on the equipment. Through interviews with field personnel, the auditors confirmed that the personnel are trained before they are allowed to work.

El Sauzal provides annual refresher courses on cyanide management to ensure that employees continue to perform their jobs in a safe and environmentally protective manner. The course is called "First Aid for Sodium Cyanide Poisoning Retraining" and it is aimed at all personnel who are in the mine, including contractors. According to the training plans, the 2014 training is scheduled to be provided in August and September by the mine medical staff. The auditors reviewed the training data matrix for 2011, 2012 and 2013 and verified that this course has been consistently provided on an annual basis.

El Sauzal evaluates the effectiveness of cyanide task training by observation of employees while on the job after an initial training. Once the employee has been 3 months in the position, the supervisor sends Human Resources the employee's evaluation: "Request for Temporary Personnel Contract Renewal." In this report, contained in the employee's dossier, the supervisor reports the employee performance and learning.

El Sauzal keeps records showing that each employee is trained while working for the company. The records include the names of the employee and the trainer, date of training, the topics covered, and if the employee demonstrated an understanding of the training materials. Both the matrix and training records include data required to adequately document the employee's training. Training records consist of the list of attendees and results of evaluation tests at the end of the course.

Standard of Practice 8.3:	Train appropriate workers and person exposures and environmental releases of	•
	⊠ in full compliance with	
Γhe operation is	in substantial compliance with	Standard of Practice 8.3
	not in compliance with	
Summarize the basis for t	his finding/deficiencies identified:	

El Sauzal Mine Name of Facility Signature of Lead Auditor





The operation is in full compliance with Standard of Practice 8.3 which requires that the site train appropriate workers and personnel to respond to exposures and environmental releases of cyanide.

El Sauzal trains all personnel responsible for cyanide unloading, mixing, production, and maintenance in the procedures to be followed if a cyanide release occurs. Each shift has trained operators who are members of the emergency response team; they will be the first responders to a cyanide release. In addition to the required core courses, first responders take the following courses: basic life support, advanced first aid, resuscitation after sodium cyanide poisoning, and HAZMAT.

The emergency response teams, including employees in charge of unloading, mixing, production, and maintenance, are trained in decontamination procedures and first aid for cyanide exposure and take part in emergency drills to evaluate and improve their emergency response skills. Coordinators and emergency response team members are trained in the ERP in general, including procedures and use of equipment required for cyanide related emergencies. The auditors verified such training through examples of training records for the 3-year audit period and through field interviews.

El Sauzal has made offsite emergency responders familiar with its ERP with respect to offsite transportation incidents; offsite responders have not been designated onsite responsibilities. El Sauzal has provided briefings on cyanide and emergency response actions in communities of the municipality of Urique, invited agencies such as SEMARNAT, firefighters and the Red Cross to take part in the emergency drills. It has provided courses to the Mexican Red Cross and medical personnel of Agraz and Fatima hospitals in Los Mochis, on "Medical Treatment in case of Sodium Cyanide Poisoning" and "First Aid for Sodium Cyanide Poisoning".

El Sauzal annually conducts refresher training on response to cyanide exposure and releases. All the operation personnel attend the course "First Aid for Sodium Cyanide Poisoning Retraining" on an annually basis. Additionally, the members of the emergency response team attend refresher courses in advanced first aid, HAZMAT, and evacuation techniques.

El Sauzal annually conducts emergency drills for training purposes and evaluates the ERP effectiveness. The auditors reviewed reports on three response drills to cyanide release and poisoning emergencies conducted in 2012, 2013, and 2014. After the drill, members of the emergency response team meet to evaluate their performance and incorporate possible improvements in the ERP and determine any additional training requirements. For example, some of the required actions after the 2012 drill include action items to upgrade the emergency response team training program and additional training in the proper use of PPE to the team. In the 2013 drill, additional training in the ERP was required for the plant personnel to improve the emergency response time.

El Sauzal keeps records of training related to cyanide emergency response, including the names of the employee and the trainer, date of training, the topics covered, and evaluation test at the end of the course. The auditors reviewed the training matrix and examples of training records in the emergency response plan, first aid, cyanide training for emergency response teams, HAZMAT, fire prevention, release inspections, and control, covering the 3-year audit period.

El Sauzal Mine Name of Facility Signature of Lead Auditor

Date



PRINCIPLE 9 – DIALOGUE

Engage in Public Consultation and Disclosure

Standard of Practice 9.1:	Provide concern.		the	opportunity	to commun	icate issues	s of
	oxtimes in full	compliance w	ith				
The operation is	☐ in sub	stantial complia	nce wi	th	Standard of F	Practice 9.1	
	not in	compliance with	n				
Summarize the basis for th	his findin	g/deficiencies i	identif	ied:			
The operation is in full con stakeholders the opportunity	•				ch requires tha	t the site Pro	vide
El Sauzal has maintained a continuous community relations program throughout the recertification period. The program includes approximately 22 communities located within approximately 100 km of the mine and along the transport route. Opportunities for communication are provided by an open door policy, suggestion boxes, signs with phone numbers for key mine departments, and a system for tracking complaints and follow up. Opportunities are also provided during regular community meetings. The auditors observed records of approximately 40 meetings held throughout the recertification period. The El Sauzal community relations program also supports projects throughout the region, such as schools, clinics, sports fields, team sponsorships, and micro-businesses.							
Standard of Practice 9.2:		dialogue desc ively address i	_	•	_	procedures	and
	$oxed{\boxtimes}$ in full	compliance w	ith				
The operation is	☐ in sub	stantial complia	nce wi	th	Standard of F	Practice 9.2	
	not in	compliance with	า				
Summarize the basis for th	his finding	g/deficiencies i	identif	ied:			
The operation is in full cor dialogue describing cyanide	•				•		tiate
El Sauzal has maintained a The program includes approand along the transport rout community meetings, hostin aid, and participating in or approximately 40 meetings a	oximately te. The p g occasion ccasional	22 communities rogram creates nal tours of the mining-related	s locat oppor mine, confe	ted within ap tunities for c distributing a rences. Th	oproximately 10 ommunication tri-fold pamph e auditors obs	00 km of the iby holding reglet on cyanide	mine gular first
Standard of Practice 9.3:	-	propriate opera			nmental infor	mation regar	ding
	⊠ in full	compliance w	ith				
The operation is	in sub	stantial complia	nce wi	th	Standard of F	Practice 9.3	
	not in	compliance with	n				

El Sauzal Mine Name of Facility Signature of Lead Auditor



Summarize the basis for this finding/deficiencies identified:

The operation is in full compliance with Standard of Practice 9.3 which requires that the site make appropriate operational and environmental information regarding cyanide available to stakeholders.

El Sauzal has developed written descriptions related to cyanide transport, use, and first aid. A standard presentation is regularly provided to local communities, accompanied by the distribution of a tri-fold pamphlet on cyanide first aid. These documents are written in Spanish, which is either the first or second language for most local residents. A high percentage (97.3 percent) of the population in the Mexican State of Chihuahua is literate. However, there may be a lower literacy rate in the communities of the Sierra Madre given their remote location. Therefore, El Sauzal provides information in verbal form during community meetings; i.e., the written presentation, which includes pictures, is accompanied by a verbal explanation.

Goldcorp classifies incidents, including cyanide-related incidents, into five categories (in ascending order of severity from Category I to Category V). Incidents are assessed based on their actual or potential impact. Incidents in Category III and above are reported to the corporate level ("reportable incidents"). Category I and II incidents are collected by the local operation to assist in incident trend analysis. El Sauzal experienced three cyanide-related incidents during the recertification period. Two incidents were spills of tailings slurry and the other incident resulted in the mortality of a cow. All were classified as Category I Incidents requiring only internal investigation corrective action, and tracking.

The operation's Emergency Response Plan (ERP) states that if a cyanide spill were to exceed its reportable quantity and if it were to go off site, then El Sauzal's environmental superintendent would inform the property owners through the community leaders. Communications about accidents involving loss of time and emergency responses involving environmental impacts are regulated by SEMARNAT whereby discharge limits and reporting requirements to the ministry are set. In addition, El Sauzal submits an annual report to PROFEPA and quarterly reports to SEMARNAT that summarize all reportable incidents, whether cyanide related or not. This report would be available to the public via PROFEPA or SEMARNAT. Finally, Goldcorp summarizes significant environmental incidents on its website (http://www.goldcorp.com/).

El Sauzal Mine Name of Facility Signature of Lead Auditor

Golder Associates

October 8, 2014



Report Signature Page

GOLDER ASSOCIATES INC.

Kent R. Johnejack

ICMI Lead Auditor and Mining Technical Specialist

Bruno Pizzorni

ICMI Mining Technical Specialist

Date: October 8, 2014

KJ/BP/sj

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Africa + 27 11 254 4800
Asia + 852 2562 3658
Australasia + 61 3 8862 3500
Europe + 356 21 42 30 20
North America + 1 800 275 3281
South America + 56 2 2616 2000

solutions@golder.com www.golder.com

Golder Associates Inc. 4730 N. Oracle, Suite 210 Tucson, AZ 85705

Tel: (520) 888-8818

