

Auditor Credentials Form

International Cyanide Management Code Audits

Facility Audited: ICMC Recertification Audit, Eldorado Gold Corporation/ Tüprag Metal Madencilik Sanayi ve Ticaret AS (Tüprag) Kışladağ Gold Mine, Turkey

Audit Date: May 23 – May 27, 2016

Lead Auditor Credentials

- **Lead Auditor:** Glenn Mills, EP(CEA), Ramboll Environ, Seattle, WA, USA
- **Certifying Organization:**
 CECAB
 (Canadian Environmental Certification Approvals Board)
 Suite 200, 308 - 11th Ave SE
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 Email: ebowman@eco.ca

Lead Auditor Experience:

Glenn Mills, EP(CEA), Ramboll Environ

Year	Type of Experience	Country & State/Province
2016	Lead auditor, ICMC certification audit, Kinross Gold, Tasiast mine, Mauritania	Mauritania
2016	Technical auditor, preliminary ICMC audit, Golden Star Resources, Bogoso/Prestea mine, Ghana	Ghana
2016	Technical auditor, ICMC recertification audit, Golden Star Resources, Wassa mine, Ghana	Ghana
2015	Lead/technical auditor, preliminary ICMC audit of mineral separation operations, Aurora Gold Project, Guyana	Guyana
2015	Lead/technical auditor, preliminary ICMC audit of barge and roadway cyanide transportation links, Aurora Gold Project, Guyana	Guyana
2015	Environmental and social due diligence auditor for Tulu Kapi gold mining project, Ethiopia	Ethiopia
2014	Environmental and mining practices specialist, environmental and social due diligence audit of coal mine and power plant, Turkey	Turkey
2014	Environmental and mining practices auditor, environmental and social due diligence audit of iron mining operations, ore transport railway, and ship loading facility, Amapa State, Brazil	Brazil

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Year	Type of Experience	Country & State/Province
2013	Environmental and mining practices auditor, environmental and social due diligence audit of Freeport McMoRan Copper & Gold Cerro Verde mine, Arequipa, Peru	Peru
2013	Kinross Gold, Chukotka Mining and Geological Company (CMGC). Technical auditor for ICMC recertification audit, for the Kupol Mine	Chukotka A.O., Russian Federation
2013	Lead auditor and project manager for International Cyanide Management Code (ICMC) certification audit of Eldorado Gold Kisladag Mine, Turkey	Turkey
2013	ICMC review of draft Cyanide Management Plan and cyanide facility engineering drawings – Midway Gold, Pan Mine, Ely, Nevada	Nevada, USA
2012	Lead auditor and project manager for independent environmental audit of Thompson Creek Metals Company, Inc. Endako, BC molybdenum mine and Mt. Milligan, BC copper/gold mine project	BC, Canada
2012	Lead auditor and project manager for audit of Environmental Management System (EMS) to ISO 14001 and US EPACF-EMS, for Agrium/NuWest Conda Phosphate Operations, Soda Springs, Idaho	Idaho, USA
2012	Kinross Gold Corporation, Ghana. Lead auditor for the ICMC certification audit of the Kinross Chirano mine	Ghana
2012	Technical auditor/project manager for ICMC recertification audit, Kinross Gold, Maricunga Mine	Chile
2011	Lead auditor, EHS audit of early works construction activities, Guyana Goldfields, Inc., Aurora Gold Project	Guyana
2011	Project Manager, ICMC pre-audits, Eldorado Gold Eastern Dragon, White Mountain, Tanjianshan, and Jinfeng mines and multiple cyanide transporters and producers	Heilongjiang, Jilin, Qinghai, and Guizhou provinces, Peoples' Republic of China
2011	Technical auditor member/ project manager for ICMC recertification audit, Kinross Gold, Ft. Knox Mine	Alaska, USA
2010	Technical auditor/project manager for ICMC certification audit, Kinross Gold, Mantos de Oro (La Coipa) Mine	Chile

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Year	Type of Experience	Country & State/Province
2010	Technical auditor/project manager for ICMC recertification audit, Kinross Gold/Barrick Gold, Round Mountain Mine	Nevada, USA
2010	Technical auditor/project manager for ICMC recertification audit, Cripple Creek & Victor Gold Mining Company, Cripple Creek Mine	Colorado, USA
2009	Technical auditor/project manager for ICMC certification audit, Kinross Gold, Kupol Mine	Chukotka A.O., Russian Federation
2008	Technical auditor/project manager for ICMC certification audit, Kinross Gold, Kettle River Operations	Washington, USA
2008	Technical auditor/ project manager for ICMC certification audit for Kinross Gold, Maricunga Mine	Chile
2007	Technical auditor/project manager for ICMC certification audit, Kinross Gold, Ft. Knox Mine	Alaska, USA
2007	Technical auditor/project manager for ICMC certification audit, Cripple Creek & Victor Gold Mining Company, Cripple Creek Mine	Colorado, USA
2006 and 2007	Conducted ICMC preassessments for Kinross Gold, Maricunga Mine	Chile
2006	Conducted ICMC preassessment for Kinross Gold, Ft. Knox Mine (2006)	Alaska, USA
2006	Technical auditor/project manager for ICMC audit, Kinross Gold/Barrick Gold, Round Mountain Mine	Nevada, USA
2006	Conducted ICMC preassessment for Kinross Gold/Barrick Gold, Round Mountain Mine	Nevada, USA
2005	Lead auditor, PT Freeport Indonesia 2005 External Environmental Audit	Papua, Indonesia
2004-2006	Lead Consultant/ Project Manager/ Lead Author for Environmental and Social Impact Assessment (ESIA) for the Rosia Montana Project	Transylvania, Romania
2000	EMS Auditor, PT Freeport Indonesia, 2000 Internal Environmental Audit	Papua, Indonesia

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Cyanide-related Operations Experience – Technical Auditor

Ata Akcil, Ph. D.-P.Eng. (Regst. No: 5393) - Technical Expert Auditor for Gold Mine Verification Audits

Year	Type of Experience	Country & State/Province
2015-2016	Technical Expert and Senior Consultant, Exitcom Co. (Kocaeli, Turkey). Cyanide, thiosulfate, iodine and acid leaching / Lab and pilot tests with EHS procedures.	Turkey
2015-2016	Audit Team Member and Reporter, Scientific and Technical Consultant – providing expertise in EHS; audits including desulphurisation of lignites, metal recovery from industrial waste, chemicals and cyanide usage (SDU, C&BR Labs, Isparta, Turkey)	Turkey
2015-2016	Technical auditor, External Environmental Audit, Reporter, Scientific and Technical Consultant – providing expertise in env. and program strategies; audits including solid&liquid waste, toxic chemicals and acid usage (Kaltun Mad. San., Aydın, Turkey)	Turkey
2014-2016	Project Partner and Technical Expert (MC Member and Work Group Leader - WG4), ReCreew - European network for innovative recovery strategies of rare earth and other critical metals from electric and Electronic waste, European Cooperation in the field of Scientific and Technical Research (COST)	Turkey
2014-2016	Project Partner and Technical Expert (Project Co-Director), Biotechnological Approach for Recovery of Rare Earth Elements and Precious Metals from E-Waste – BIOREEs, Intensified Cooperation (IntenC): Promotion of German-Turkish Higher Education Research, TUBITAK International Project	Turkey/Germany
2013-2014	Audit Team Member and Reporter, Scientific and Technical Consultant – providing expertise in env., occupational workplace assessment and program strategies; audits including hazardous, toxic chemicals and cyanide usage (SDU, C&BR Labs, Isparta, Turkey)	Turkey
2013	Technical Auditor, Eldorado Gold, Kışladağ Gold Mine, Turkey; ICMC certification audit of the Kışladağ Gold Mine	Turkey
2012	Technical Expert presenting training on cyanide management and ICMC for Alamos (Kuzey Biga) and Eldorado (Tüprag) sites	Turkey

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2012	Lead Consultant/Project Manager for cyanidation (carbon in leach/carbon in pulp) research & development tests for gold recovery, for Eldorado Gold's Efemçukuru mine	Turkey
2012	Designed and presented official 16 day course on Environmental Impact Assessment, hydrometallurgy and mining environmental issues (including cyanide use), for KazNTU	Kazakhstan
2011-2013	Lead Consultant/Project Manager/Lead Author for national /thesis research project involving cyanide usage in recycling products (recovery process-leaching), for Süleyman Demirel (SD) University	Turkey
2007 to 2012	Lead Consultant/Project Manager/Lead Author for industrial spent catalyst and battery recovery national-international/thesis research projects involving acidic leaching, for SD University and L'Aquila University	Turkey and Italy
2004-2013	Senior Researcher and Lecturer responsible for design and presentation of official 14 weeks' course on Environmental Impact Assessment, Chemical-Biological treatment, Cyanide Management, Mining and Environment, Advance Analysis Techniques and Laboratory Application, Recycling Technology and Metal Recovery, Evaluation of Industrial Waste, for SD University	Turkey
2004 to 2005	Led research team on program to monitor the heterogeneous catalytic degradation of cyanide, for SD University	Turkey
2003 to 2004	Led research team on program for monthly monitoring of the biodegradation of cyanide waste, for SD University	Turkey
2003 to 2004	Led research team on program to monitor the destruction of cyanide by hydrogen peroxide in tailings slurries, for Ovacik Gold Mine (Newmont and Normandy)	Turkey
2002 to 2003	Lead Consultant/Project Manager/Lead Author for monthly monitoring assessments/audits of the cyanidation process and monitoring of cyanide and heavy metals in tailings, for Ovacik Gold Mine (Newmont and Normandy)	Turkey
2001 to 2004	Lead Consultant/Project Manager for R&D, Education and Consultancy (Monitoring/Auditing on: usage, handling and destruction of cyanide through reactor leaching process; INCO detoxification process; and further breakdown in tailings storage facility, for Ovacik Gold Mine (Newmont and Normandy)	Turkey
2001 to 2004	Lead Consultant/Project Manager for review of Cyanide	Turkey

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	Management Plan and Environmental Impact Assessment for Ovacik Gold Mine (Newmont and Normandy)	
2001 to 2003	Lead Consultant/Project Manager/Lead Author for monthly monitoring assessments/audits of health and safety aspects related to cyanide management, for Ovacik Gold Mine (Newmont and Normandy)	Turkey
2001 to 2002	Lead Consultant/Project Manager/Lead Author for monthly monitoring assessments/audits of the cyanidation process and monitoring of cyanide and heavy metals in tailings, for Ovacik Gold Mine (Newmont and Normandy)	Turkey
2001	Lead Consultant/Project Manager/Lead Author for three monthly monitoring studies/audits of Case study-I : Chemical decomposition and Case study-II: Heavy metal stabilization, for Ovacik Gold Mine (Newmont and Normandy)	Turkey
1994-2001	Junior and Senior Researcher/Project Manager/Co and Lead Author for national /thesis research project involving gold recovery, hydrometallurgy, cyanide usage in mining, for Dokuz Eylul and SD Universities	Turkey

Statement of No Conflict

I certify that I have not audited any component of this facility for which I was responsible for design or development; nor have I within the past year been an employee of the facility, its parent company, or associated affiliates. Excluding audits, I have not derived more than 30% of my income within the past 5 years from the facility, its parent, or associated affiliates. I have not participated in more than two consecutive Cyanide Code audits of this facility. I have participated in at least 3 health, safety, and/or environmental audits in the past 7 years and am familiar with standard audit procedures as well as with the protocols developed by the International Cyanide Management Institute for implementation of the Code.

Title

Name

Signature

Date



Glenn Mills

Dr. Ata Akcil

January 4, 2017

January 4, 2017

* Notarized as indicated