

**İSTANBUL ALTIN RAFİNERİSİ A.Ş. or
ISTANBUL GOLD REFINERY INC.
INDEPENDENT REASONABLE
ASSURANCE REPORT
(ISAE 3000 ENGAGEMENTS)
ON THE REFINER'S COMPLIANCE
REPORT FOR THE YEAR ENDED
31 DECEMBER 2018**

**To the Board of Directors
İstanbul Altın Rafinerisi Anonim Şirketi (IAR) or
Istanbul Gold Refinery INC. (IGR)**

Independent Reasonable Assurance Report to İstanbul Altın Rafinerisi Anonim Şirketi (Istanbul Gold Refinery INC.) (ISAE 3000 Engagements)

We were engaged by the Management of İstanbul Altın Rafinerisi Anonim Şirketi (IAR, Istanbul Gold Refinery INC., IGR, the Company or the Refinery) to provide a reasonable assurance on its Refiner's Compliance Report for the year ended 31 December 2018.

The assurance scope consists of the Refiner's Compliance Report (the Report).

Responsibilities

The management of Istanbul Gold Refinery INC. is responsible for the preparation and presentation of the Refiner's Compliance Report in accordance with the model set out in the Annex II of the Organisation for Economic Co-operation and Development (OECD) Due Diligence Guidance and Borsa İstanbul (BIST) Responsible Gold Supply Chain Policy. This responsibility includes establishing appropriate risk management and internal controls from which the reported information is derived. The criteria identified by the management as relevant for demonstrating compliance with the Guidance are the activities described within the Refiner's Compliance Report.

Our responsibility is to carry out a reasonable assurance engagement in order to express a conclusion based on the work performed. We conducted our assurance engagement in accordance with International Standard on Assurance Engagements ISAE 3000 Assurance Engagements other than Audits or Reviews of Historical Financial Information issued by the International Auditing.

This report has been prepared for Istanbul Gold Refinery INC. for the purpose of assisting the management in determining whether Istanbul Gold Refinery INC. has complied with the model set out in the Annex II of the OECD Due Diligence Guidance and BIST Responsible Gold Supply Chain Policy and for no other purpose. Our assurance report is made solely to IAR / IGR in accordance with the terms of our engagement. We do not accept or assume responsibility to anyone other than IAR / IGR for our work, or for the conclusions we have reached in the assurance report.

Inherent limitations

Non-financial information, such as that included in the Refiner's Compliance Report, is subject to more inherent limitations than financial information, given the more qualitative characteristics of the subject matter and the methods used for determining such information. The methods used by Refiners to comply with the Guidance may differ. It is important to read the Istanbul Gold Refinery INC.'s Gold Supply Chain Policy available on IAR / IGR's website (www.iar.com.tr).

Independence and competency statement

In conducting our engagement, we have complied with the applicable requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board of Accountants.

In conducting our engagement, we confirm that we satisfy the criteria for assurance providers as set out in the Audit Guidance to carry out the assurance engagement.

Conclusion

In our opinion, İstanbul Altın Rafinerisi Anonim Şirketi's (İstanbul Gold Refinery INC.) Compliance Report for the year ended 31 December 2018, in all material respects, describes fairly the activities undertaken during the year to demonstrate compliance, and management's overall conclusion contained therein and is in accordance with the requirements of the model set out in the Annex II of the Organisation for Economic Co-operation and Development (OECD) Due Diligence Guidance and Borsa İstanbul (BİST) Responsible Gold Supply Chain Policy.

Arkan Ergin Uluslararası Bağımsız Denetim A.Ş.
Member, JPA International

Eray YANBOL
Engagement Partner

İstanbul
8 February 2019

Enclosure:
- Refiner's Compliance Report



İSTANBUL GOLD REFINERY (IGR) BORSA İSTANBUL (BİST) COMPLIANCE REPORT

The following tables list the minimum requirements that must be satisfied by Refiners in accordance with the Borsa İstanbul (BİST) Responsible Gold Supply Chain Policy to demonstrate compliance.

TABLE 1: REFINER'S DETAILS

REFINER'S NAME	: İstanbul Gold Refinery Inc. (İstanbul Altın Rafinerisi A.Ş.)
LOCATION	: Kuyumcukent 7 no.lu Fabrika 34197 Yenibosna – İstanbul / Turkey
REPORTING PERIOD	: January 1, - December 31, 2018
DATE OF REPORT	: January 21, 2019
SENIOR MANAGEMENT RESPONSIBLE FOR THIS REPORT:	Att. Özcan HALAÇ (ozcan@iar.com.tr)

İSTANBUL GOLD REFINERY'S EVALUATION:

İstanbul Gold Refinery Inc. (IGR)'s primary objective is to create exceptional value for its customers, suppliers, partners and shareholders, within a culture of responsible sourcing, complying with the regulations and the needs of the relevant certifications, performance, governance, trust and respect.

"Responsible sourcing" is a key and very important principle for IGR. As a LBMA, DMCC "Good Delivery Gold Member Refinery" and also BİST registered refinery, IGR implements the whole KYC due diligence process starting from the origin of the gold to ensure that it complies with all related regulations and applicable laws both in Turkish local market and globally considering LBMA and DMCC Responsible Gold Guidance and OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas.

İSTANBUL ALTIN RAFİNERİSİ A.Ş. - İSTANBUL GOLD REFINERY INC.

Merkez : Kuyumcukent, 7 No' lu Fabrika 34197 Yenibosna / İstanbul - TÜRKİYE Tel : (0212) 603 01 01 Fax : (0212) 603 01 10

Şube : Taya Hatun Mah. Aynacılar Cad. Sıra Odalar Han. No: 9 Fatih / İstanbul - TÜRKİYE Tel: (0212) 512 34 34 - 520 34 34 Fax : (0212) 527 21 41

• www.iar.com.tr • info@iar.com.tr



TABLE 2: SUMMARY OF ACTIVITIES UNDERTAKEN TO DEMONSTRATE COMPLIANCE

STEP: 1 ESTABLISH STRONG COMPANY MANAGEMENT SYSTEMS

Compliance Statement with Requirement:

We have fully complied with Step 1: Establishing strong management systems.

Has the Refiner adopted a company policy regarding due diligence for supply chains of gold?

Comments and Demonstration of Compliance:

During the reporting year, we established an appropriate Gold Supply Chain Policy, which is consistent with the model set out in the Annex II of the OECD Due Diligence Guidance. This sets out our responsibility for conducting risk-based due diligence, screening and monitoring of transactions and governance structures in place.

Has the Refinery set up an internal management structure to support Supply Chain Due Diligence?

Comments and Demonstration of Compliance:

An internal management system has been set up to define the governance, roles and responsibilities, internal audit, communication and senior management review as per the adopted policy. The Compliance Officer has been assigned to manage the process and a Compliance Department has been established. Also, a system of notification of non-compliance has been established that enables direct reporting to senior management / executive committee. Appropriate communication systems have been developed, trainings have been provided and a chain of activities and their application, which are in accordance with the operation of the Compliance Process, have been followed.

İSTANBUL ALTIN RAFİNERİSİ A.Ş. - ISTANBUL GOLD REFINERY INC.

Merkez : Kuyumcukent, 7 No' lu Fabrika 34197 Yenibosna / İstanbul - TÜRKİYE Tel : (0212) 603 01 01 Fax : (0212) 603 01 10

Şube : Taya Hatun Mah. Aynaclar Cad. Sıra Odalar Han. No: 9 Fatih / İstanbul - TÜRKİYE Tel: (0212) 512 34 34 - 520 34 34 Fax : (0212) 527 21 41

• www.iar.com.tr 2 • info@iar.com.tr

✓ ISO 9001

✓ ISO 14001

✓ OHSAS 18001

✓ TS EN ISO/IEC 17025



TABLE 2: SUMMARY OF ACTIVITIES UNDERTAKEN TO DEMONSTRATE COMPLIANCE (CONTINUED)

STEP: 1 ESTABLISH STRONG COMPANY MANAGEMENT SYSTEMS (CONTINUED)

Has the Refinery established a strong internal system of due diligence, controls and transparency over gold supply chain, including traceability and identification of other supply chain actors?

Comments and Demonstration of Compliance:

We have a robust 'lot' receipts process. A systemic structure, based on reference/ID/lot system, is created to keep track of all processes beginning with the customer and goods acceptance stage and continuing until the stage of sale, thus the whole process can be monitored. Specific documents must be received and transactional details entered before we process the gold-bearing material.

Has the Refiner strengthened company engagement with gold supplying counterparties, and where possible, assisted gold supplying counterparties in building due diligence capabilities?

Comments and Demonstration of Compliance:

The documents and forms that are prepared in accordance with the OECD / Borsa İstanbul (BIST) guidelines in the scope of the due diligence are shared with our customers, and we insist on every customer abiding by our compliance standards and agreements. Through this manner detections and evaluations are carried out regarding the supply chain processes and customer compliance is further ensured through on-site visits and customer interviews.

Has the Refiner established a company-wide communication mechanism to promote broad-based employee participation and risk identification to management?

Comments and Demonstration of Compliance:

The refiner has developed a mechanism allowing employees to voice concerns over the gold supply chain or a newly identified risk. A functional mail box-compliance access point and an e-mail box (compliance@iar.com.tr) have been established, which are reviewed by the compliance officer.

İSTANBUL ALTIN RAFİNERİSİ A.Ş. - ISTANBUL GOLD REFINERY INC.

Merkez : Kuyumcukent, 7 No' lu Fabrika 34197 Yenibosna / İstanbul - TÜRKİYE Tel : (0212) 603 01 01 Fax : (0212) 603 01 10

Şube : Taya Hatun Mah. Aynaclar Cad. Sıra Odalar Han. No: 9 Fatih / İstanbul - TÜRKİYE Tel: (0212) 512 34 34 - 520 34 34 Fax : (0212) 527 21 41

• www.iar.com.tr 3 • info@iar.com.tr

✓ ISO 9001

✓ ISO 14001

✓ OHSAS 18001

✓ TS EN ISO/IEC 17025



TABLE 2: SUMMARY OF ACTIVITIES UNDERTAKEN TO DEMONSTRATE COMPLIANCE (CONTINUED)

STEP: 2 IDENTIFY AND ASSESS RISKS IN THE SUPPLY CHAIN

Compliance Statement with Requirement:

We have fully complied with Step 2: Identify and assess risks in the supply chain.

Does the Refiner have a process to identify risks in the supply chain?

Comments and Demonstration of Compliance:

We identify and assess risks in the supply chain. For every supplier, we have established a client database and allocated a risk profile according to our risk profile criteria written in our Risk Management Plan.

This risk management plan and Customer Acceptance Policy have created to identify the risks in the gold supply chain process, take action, and apply corrective actions to that effect while carrying out measures that will prevent the repetition of similar risky cases. Customer risk evaluation is a formal requirement before entering any business relationship with a gold supplying counterparty.

Does the Refiner assess risks in light of the standards of their due diligence system?

Comments and Demonstration of Compliance:

Our supply chain due diligence comprising all measures required by the Borsa İstanbul (BIST) Responsible Gold Supply Chain Policy is performed before entering into a business relationship with any gold supplying counterpart. We performed enhanced due diligence for higher-risk categories, which includes those where gold originates from or transit via a conflict-affected or human rights abuse high-risk area. In addition, we conduct appropriate scrutiny and monitoring of transactions undertaken through the course of the relationship. Beginning from the customer and goods acceptance stage of gold from mines, supply chain due diligence and precautions are put into practice in accordance with the Borsa İstanbul (BIST) Responsible Gold Supply Chain Policy and procedures. Procedures were put into practice that will help with the control and audit of the system, including transportation routes and monitoring of all procedures related to the supply chain.

İSTANBUL ALTIN RAFİNERİSİ A.Ş. - ISTANBUL GOLD REFINERY INC.

Merkez : Kuyumcukent, 7 No' lu Fabrika 34197 Yenibosna / İstanbul - TÜRKİYE Tel : (0212) 603 01 01 Fax : (0212) 603 01 10

Şube : Taya Hatun Mah. Aynaclar Cad. Sıra Odalar Han. No: 9 Fatih / İstanbul - TÜRKİYE Tel: (0212) 512 34 34 - 520 34 34 Fax : (0212) 527 21 41

• www.iar.com.tr 4 • info@iar.com.tr

✓ ISO 9001

✓ ISO 14001

✓ OHSAS 18001

✓ TS EN ISO/IEC 17025



TABLE 2: SUMMARY OF ACTIVITIES UNDERTAKEN TO DEMONSTRATE COMPLIANCE (CONTINUED)

STEP: 2 IDENTIFY AND ASSESS RISKS IN THE SUPPLY CHAIN (CONTINUED)

Does the Refiner report risk assessment to the designated manager?

Comments and Demonstration of Compliance:

The company's Compliance Committee is created to periodically review and maintain the supply chain compliance process. The committee gathers every 3 months to assess the processes, risks, and the resulting decisions. The compliance officer provides a commentary report to the chief executive, representing the senior management team on a quarterly basis and the compliance officer gets the chief executive's approval for all new suppliers classified as high risk. Senior management retains the ultimate control and responsibility for the gold supply chain.

STEP: 3 DESIGN AND IMPLEMENT A MANAGEMENT SYSTEM TO RESPOND TO IDENTIFIED RISKS

Compliance Statement with Requirement:

We have fully complied with Step 3: Design and implement a management system to respond to identified risks.

Has the refiner devised a strategy for risk management of an identified risk by either (i) mitigation of the risk while continuing to trade, (ii) mitigation of the risk while suspending trade or (iii) disengagement from the risk?

Comments and Demonstration of Compliance:

A Risk Management Plan for the company has prepared and put into practice, in which risky situations and the appropriate procedures to follow during such cases of risk, as well as, the risk management principles were identified. Moreover, response methods have introduced such as abolishing business relations in risky situations, the suspension of trade that would result in the alleviation of risks or achieving the alleviation of risk through other means while continuing with the trading activities.

İSTANBUL ALTIN RAFİNERİSİ A.Ş. - ISTANBUL GOLD REFINERY INC.

Merkez : Kuyumcukent, 7 No' lu Fabrika 34197 Yenibosna / İstanbul - TÜRKİYE Tel : (0212) 603 01 01 Fax : (0212) 603 01 10

Şube : Taya Hatun Mah. Aynacılar Cad. Sıra Odalar Han. No: 9 Fatih / İstanbul - TÜRKİYE Tel: (0212) 512 34 34 - 520 34 34 Fax : (0212) 527 21 41

• www.iar.com.tr 5 • info@iar.com.tr

✓ ISO 9001

✓ ISO 14001

✓ OHSAS 18001

✓ TS EN ISO/IEC 17025



TABLE 2: SUMMARY OF ACTIVITIES UNDERTAKEN TO DEMONSTRATE COMPLIANCE (CONTINUED)

STEP: 3 DESIGN AND IMPLEMENT A MANAGEMENT SYSTEM TO RESPOND TO IDENTIFIED RISKS (CONTINUED)

Where a management strategy of risk mitigation is undertaken, it should include measurable steps to be taken and achieved, monitoring of performance, periodic reassessment of risk and regular reporting to designated senior management.

Comments and Demonstration of Compliance:

Based on the framework of risk analysis and the principles of the Customer Acceptance Policy, measures were taken to allow the monitoring of all transactions within the process, including transportation roads. The relevant customer documents are registered and examined in the scope of the Customer Acceptance Policy, and periodic reports are relayed to senior management. Risk assessments are completed in detail through on-site audits and additional administrative measures, and further precautions are taken when accepting goods and to ensure safe business relations with all customers.

STEP: 4 ARRANGE FOR AN INDEPENDENT THIRD-PARTY AUDIT OF THE SUPPLY CHAIN DUE DILIGENCE

Compliance Statement with requirement:

We have fully complied with Step 4: Arrange for an independent third-party audit of the supply chain due diligence.

Comments and Demonstration of Compliance:

Istanbul Gold Refinery Inc. engaged the services of the assurance provider Arkan & Ergin JPA Turkey, and their Independent Assurance Reports can be viewed on web link:

<http://www.iar.com.tr/Kurumsal/independent-assurance-reports/89>

İSTANBUL ALTIN RAFİNERİSİ A.Ş. - ISTANBUL GOLD REFINERY INC.

Merkez : Kuyumcukent, 7 No' lu Fabrika 34197 Yenibosna / İstanbul - TÜRKİYE Tel : (0212) 603 01 01 Fax : (0212) 603 01 10

Şube : Taya Hatun Mah. Aynacılar Cad. Sıra Odalar Han. No: 9 Fatih / İstanbul - TÜRKİYE Tel: (0212) 512 34 34 - 520 34 34 Fax : (0212) 527 21 41

• www.iar.com.tr 6 • info@iar.com.tr

✓ ISO 9001

✓ ISO 14001

✓ OHSAS 18001

✓ TS EN ISO/IEC 17025



TABLE 2: SUMMARY OF ACTIVITIES UNDERTAKEN TO DEMONSTRATE COMPLIANCE (CONTINUED)

STEP: 5 REPORT ON SUPPLY CHAIN DUE DILIGENCE

Compliance Statement with Requirement:

We have fully complied with Step 5: Report on supply chain due diligence.

Further information and specific details of how Istanbul Gold Refinery's systems, procedures, processes and controls have been implemented to align to the specific requirements in the Borsa İstanbul (BIST) Responsible Gold Supply Chain Policy have been set out in our Gold Supply Chain policy, which is available on our company website

<http://www.iar.com.tr/Kurumsal/gold-supply-chain-policy/19>

TABLE 3 : MANAGEMENT CONCLUSION

İSTANBUL GOLD REFINERY'S OVERALL CONCLUSION

Is the Refiner in compliance with the requirements of the Borsa İstanbul BIST Responsible Gold Supply Chain Policy for the reporting period?

Yes.

In conclusion, Istanbul Gold Refinery Inc. implemented effective management systems, procedures, processes and practices to conform to the requirements of the Borsa İstanbul (BIST) Responsible Gold Supply Chain Policy, as explained above in Table 2, for the reporting year ended 31 December 2018.

Istanbul Gold Refinery Inc. is committed to continuous improvement, and any corrective actions identified will be monitored internally on a regular basis. Corrective Action Plans are communicated separately to the Borsa İstanbul (BIST) Physical Committee, in its role as administrator of the Borsa İstanbul (BIST) Responsible Gold Supply Chain Policy.

İSTANBUL ALTIN RAFİNERİSİ A.Ş. - İSTANBUL GOLD REFINERY INC.

Merkez : Kuyumcukent, 7 No' lu Fabrika 34197 Yenibosna / İstanbul - TÜRKİYE Tel : (0212) 603 01 01 Fax : (0212) 603 01 10

Şube : Taya Hatun Mah. Aynaclar Cad. Sıra Odalar Han. No: 9 Fatih / İstanbul - TÜRKİYE Tel: (0212) 512 34 34 - 520 34 34 Fax : (0212) 527 21 41

• www.iar.com.tr 7 • info@iar.com.tr

✓ ISO 9001

✓ ISO 14001

✓ OHSAS 18001

✓ TS EN ISO/IEC 17025



TABLE 4: OTHER REPORT COMMENTS

If users of this report wish to provide any feedback to Istanbul Gold Refinery Inc. with this respect to this report, they can contact corporate relations department on kurumsaliletisim@iar.com.tr, and Compliance department on compliance@iar.com.tr.

İSTANBUL ALTIN RAFİNERİSİ A.Ş. - ISTANBUL GOLD REFINERY INC.

Merkez : Kuyumcukent, 7 No' lu Fabrika 34197 Yenibosna / İstanbul - TÜRKİYE Tel : (0212) 603 01 01 Fax : (0212) 603 01 10

Şube : Taya Hatun Mah. Aynaclar Cad. Sıra Odalar Han. No: 9 Fatih / İstanbul - TÜRKİYE Tel: (0212) 512 34 34 - 520 34 34 Fax : (0212) 527 21 41

• www.iar.com.tr • info@iar.com.tr

✓ ISO 9001

✓ ISO 14001

✓ OHSAS 18001

✓ TS EN ISO/IEC 17025