



July 24, 2019

OECD Responsible Minerals Initiative

Step 5 Smelter Public Report on Supply Chain Due Diligence

QuantumClean provides a part cleaning service to the global semiconductor industry with plants conveniently located in 8 countries. For approved Customers, QuantumClean recovers Tantalum from the cleaning process waste stream. The tantalum is deposited on the Customer's parts during semiconductor manufacturing and is sourced through various Tantalum deposition 'target' manufacturers. QuantumClean assesses risk potential of tantalum supply from Conflict-Affected High-Risk Areas (CAHRAs) annually from Customers. Those meeting our due diligence criteria – having their own Conflict Free Sourcing initiative in public domain AND publicly available due diligence of their tantalum supply chain risk are accepted into our recovery program.

Material recovered is considered secondary tantalum material and is sold back into the supply chain as such. Proceeds from recovered material sales are shared by QuantumClean as service provider and with Customer as original owner and purchaser of tantalum raw material for semiconductor manufacturing.

Materials supplied by our Customers to QuantumClean in 2018 for our RMAP audit come from the following low – medium risk areas (per OECD Responsible Materials Initiative "Country Risk Classifications and RMI Risk ratings)

- **United States** – high income OECD Country. RMI low risk rating 7.69
- **Ireland** - high income OECD and Euro Area Country. RMI medium risk rating 7.17
- **Israel** - high income OECD Area Country not reviewed nor classified but provided by Israeli authorities and used by OECD without prejudice. RMI medium risk rating 5.52

All QuantumClean purchase orders are audited and individual transactions monitored to assure all tantalum material receipts are from approved suppliers in these countries. All receipts and resupply of secondary tantalum records are audited by internal process on monthly basis and annually by RMAP.

As a result of these materials being from low risk OECD approved countries and given Suppliers confirmed Conflict Free Mineral Sourcing policies with their own supply chain due diligence, QuantumClean has identified no red flags that would indicate a concern of high- risk tantalum processed and recycled to supply chain.

A handwritten signature in black ink, appearing to read "Timothy Burrows", written in a cursive style.

Timothy Burrows

Conflict Free Compliance Officer