



DPMT aims to reduce the arsenic exposure to employees and the environment, capturing fugitive emissions and properly treating the gas before its release into the atmosphere. B&P performed a ventilation survey (December 2019) to identify shortcomings in the fume extraction equipment and operation on site. Based on the survey, concept solutions were identified to rectify the shortcomings. B&P are now engaged to provide:

Deliverables for FEL 1, FEL 2, FEL 3 and Detail Engineering

HAZOP 1

Specification for additional modeling requirement including data requirement for recommended modelling.

The above are to cover:

Ausmelt tapping floor and hygiene baghouse; aisle building- tertiary extraction; secondary off-gas extraction capacity; converter secondary extraction; final off-gas cleaning; mhf primary and secondary extraction systems; ladle cooling area and slag slow cooling pits; receiving bay and feed prep enclosure of building to maximize dust containment.

Realtime stationary emission monitoring (including equipment specification, equipment location & protocol and procedure, provision of Training and training Material for onsite employees and trainers).

Ventilation and extraction operations efficiency measurement (similar to ventilation survey) (including equipment specification, equipment location, protocol and procedure, provision of training and training material). For onsite employees and trainers

# FUGITIVE EMISSION REDUCTION

Dundee Precious Metals

## PROJECT STATS

Value NAD 5 million  
USD 0.3 million (ROE 16.24)

Location Tsumeb, Namibia

Client Dundee Precious Metals

Start 05/2020

Finish 12/2021



## SERVICES

Project management (Principal Agent)  
Preliminary & detail designs  
Tender documents, process & evaluation  
Contract administration  
Construction supervision

Project Management

Mechanical