

## Location

Sanxin, China

## Client

Rio Tinto Iron Ore

## Total Project Value

## Role

Client Representative,  
Fabrication & Quality Management

## Services Provided

Project Fabrication Management  
Fabrication Material Tracking System (AssemblyBASE)  
Planning & Scheduling (P6)  
Reporting and Cost Control  
Logistics Material Tracking (AssemblyBASE)  
Quality Control & Assurance Management  
Management of Third Party Inspectors



## Project Overview

The Hope Downs 1 Stage 2 project involved the fabrication of 1020 tonne of structural and platework steel. IPS had the responsibility to manage the fabrication of this steel in a limited time frame of approximately 4 months from fabricator to the Hope Downs site north west of Newman, Western Australia.

The project involved the fabrication of assemblies to construct the extension of an iron ore mine site including Primary Crushers, Screenhouse Bins and Buildings where practical trial assembly was carried out in China prior to shipping. In addition wear plates and liners were also fitted to reduce man hours onsite.

The AssemblyBASE material tracking system was crucial for the ease of reporting and scheduling to show the status of the fabrication and logistical progress of the project. AssemblyBASE was also used to carry out all receivals onsite and the warehousing of all materials.

Construction on site was met with ease as quality was of a high standard. Hope Downs 1 Stage 2 is phase 2 of the extensions to the existing Hope Downs (North) Screening Building.

