

	POBOYA 2000 TPD EXPANSION PROJECT	
(CPM Work No.) 14898	Project Document No.: E2601-4400-PRO-009	Revision No. : B
(Vendor Work No.) E2601	Client Document No. : HN2-V-PT0061.08-4400-STR-PRO-009	Page 1 of 8

PRESERVATION PROCEDURE (STRUCTURE OF CIL TANK AREA)

CLIENT : PT. CITRA PALU MINERALS (CPM)
PROJECT NAME : POBOYA 2000 TPD EXPANSION PROJECT
LOCATION : PALU, SULAWESI
CONSULTANT : PT. COMO ENGINEERS (PT. CE)
VENDOR : PT. HANAZONO ENGINEERING INDONESIA
DOCUMENT NO. : E2601-4400-PRO-009

FOR APPROVAL

☐ AP	APPROVED
☐ AN	APPROVED AS NOTED
☐ RE	NOT APPROVED (Re-Submit)
☐ RV	REVIEWED
☐ RN	REVIEWED WITH NOTES
☐ NR	NOT BE RETURNED
RETURN DATE	
	

						
B	September 08, 2026	Second For Approval	Afifah	Rusnandi	Murasato	
A	April 14, 2026	Issue For Approval	Benridho	Rusnandi	Murasato	
REV	DATE ISSUED	ISSUE PURPOSE	PREPARE	CHECKED	APPROVED	AUTHORIZED

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1. Scope

This procedure covers or the storage and preservation of all Material Steel Structure and accessories for Poboya 2000TPD Expansion Project and to be use for Structure for CIL Tank area, the owned by PT Citra Palu Minerals. The project is located at Palu, Sulawesi Tengah, Indonesia.

2. Refence

The reference of General drawing and specification as following :

2.1 General Drawing reference as below :

No.	Drawing No.	Description of Drawing	Rev. No.	Remarks
1	E2601-4400-DWG-001	CIL Structure Plan	A	
2	E2601-4400-DWG-002	Beam Plan +463.388 TOS	A	
3	E2601-4400-DWG-003	Beam Plan RL +463.388 TOS	A	
4	E2601-4400-DWG-004	Removable Platform	A	
5	E2601-4400-DWG-005	Elevation View 1 of 5	A	
6	E2601-4400-DWG-006	Elevation View 2 of 5	A	
7	E2601-4400-DWG-007	Elevation View 3 of 5	A	
8	E2601-4400-DWG-008	Elevation View 4 of 5	A	
9	E2601-4400-DWG-009	Elevation View 5 of 5	A	

2.2 Client Specification as below :

- a. Fabrication Drawing (AFC)
- b. Manufacturer Standard
- c. Request for Quotation (RFQ) Steel Structure and Plate works Supply and Install
Document No. 2000-4000-STR-RFQ-002
- d. Specification for Structural Steel Work Supply, Fabrication and Erection
Document No. : 2000-4000-STR-SPE-001

3. Responsibility and Duty

The Department Head via the Quality team is responsible for the management and control of this procedure.

4. Definitions

LABELING : Printed material that is identified on the engineering list of materials or is identified as a specific product.

SENSITIVE MATERIAL: Materials that are susceptible to damage or contamination due to

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temperature extremes, improper handling (movement and storage), or incorrect packing. The materials include those that are perishable, clean, sterile, fragile, temperature sensitive, or hazardous.

PERISHABLE MATERIAL: Materials that spoil or deteriorate unless properly handled and stored, i.e., have a limited shelf life.

CLEAN MATERIAL: Any material or component that has been cleaned in a clean environment and is intended for use in a clean environment.

STERILE MATERIAL: Any material that has been subjected to an accepted method of sterilization, provided that its packaging is intact.

FRAGILE MATERIAL: Any material that is easily subject to damage due to rough handling or overstacking.

TEMPERATURE-SENSITIVE MATERIAL: Any material whose usability may be affected by temperature extremes

HAZARDOUS MATERIAL: Any material that is combustible, flammable, explosive, poisonous, corrosive, or under pressure (see Procedure, Hazardous Material Handling/Storage).

5. Storage Area

All material will be properly identified, packaged, and stored in a specific and uniform manner within the following areas:

1. Inventory locations.
2. Working Stock: Predefined areas within work site. Floor stock storage areas are unique locations established to serve the work centers to which the material is to be used.
3. Stores: Inventory location.

Within each of the above areas specific storage facilities have been established to support the requirements of sensitive material. Sensitive material may be stored only in the facilities provided. Nonsensitive material is not to be stored in sensitive-material facilities.

All entry and access ways to sensitive-material storage areas are to be marked clearly as to the kinds of material that may be stored there.

Any material found to be stored in an improper area is to be reported to the Inventory Supervisor immediately so that corrective action can be taken.

6. Marking

Each steel item be given a piece mark, piece mark shall be shown on erection diagrams and shop detail drawings including marking plans.

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Piece mark shall be painted characters at least 25 mm high and stamped characters at least 12 mm high being highlighted by paint flash, unless shown otherwise on the drawing.

Piece mark shall be conspicuously located on each piece of steel with identical lettering and numbering being used for painted and stamped marks.

7. Labelling and Packaging

All sensitive material is to be properly labelled with a label or tag. Any material that is sensitive or thought to be sensitive and does not have a label or tag is to be reported to the Inventory Control Supervisor immediately so that corrective action can be taken.

8. Shipping Marks

All the steelwork crates, cases, bundles and loses pieces shall carry shipping marks as specified in the Purchase Order / Contract documentations.

9. Heavy Load Marking

Individual pieces with weight(s) in excess of 3 tonnes shall be clearly marked with their gross weight.

10. Maintenance of Storage Facilities

The environmental conditions of each storage facility are to be established and posted at each facility. It is the responsibility of all Inventory Control personnel to be familiar with and aware of the environmental requirements of each storage facility and to report any deviation from requirements to the Inventory Control Supervisor.

The environmental requirements document to be posted at each facility will contain information on:

1. the care and maintenance of any equipment used to sustain proper temperature, pressure, or other environmental conditions.
2. the manner and means to be used to store material in the area;
3. inspection procedures to be performed on a periodic or as-required basis concerning the facility and the material contained therein;
4. restrictions and controls relative to access to the area, special clothing or any other procedures germane to the use and preservation of the storage area and its contents.

11. Storage on Site

Steelwork shall be off-loaded and storage on site without causing overstressing or damage. Wherever practical steelwork for each section of the work shall be stored separately and shall be laid out to suit the sequence erection.

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Care shall be taken to minimise ponding of water and the collection of dust and foreign mater on the steel work.

Bolt, nuts, shims, packers and other small items shall be checked and stored under cover until required.

Prior to erection, all structure steel members, connection components and accessories shall be thoroughly inspection and cleaned to remove dirt, dust, mud, oil, grease, loose rust, loose scale, water, debris and any other foreign materials accumulated during transportation, fabrication, and storage.



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ATTACMENT - 1 PACKING TYPE REFERENCE.

