

# VPA-3 AND CONVEYORS TO BARN CONSTRUCTION

11 September 2023







## PROJECT NAME

VPA-3 AND CONVEYORS TO BARN  
CONSTRUCTION



## AWARD TIME

January 2022



## PROJECT VALUE

Original Value: USD 7.5 Million



## DURATION

18 Month (Ongoing)



## SCOPE

Civil, Structural, Mechanical, E&I,  
Commissioning, Demolition



## LOCATION

Portsite PT.Freeport Indonesia  
Amamapare, Papua, Indonesia

# PROJECT SUMMARY

## CLIENT INFO

**Stephen Medina**

Contracts Manager (MOC Division)

smedina1@fmi.com

US Cell: +1.480.594.0748

**Terry Pitts**

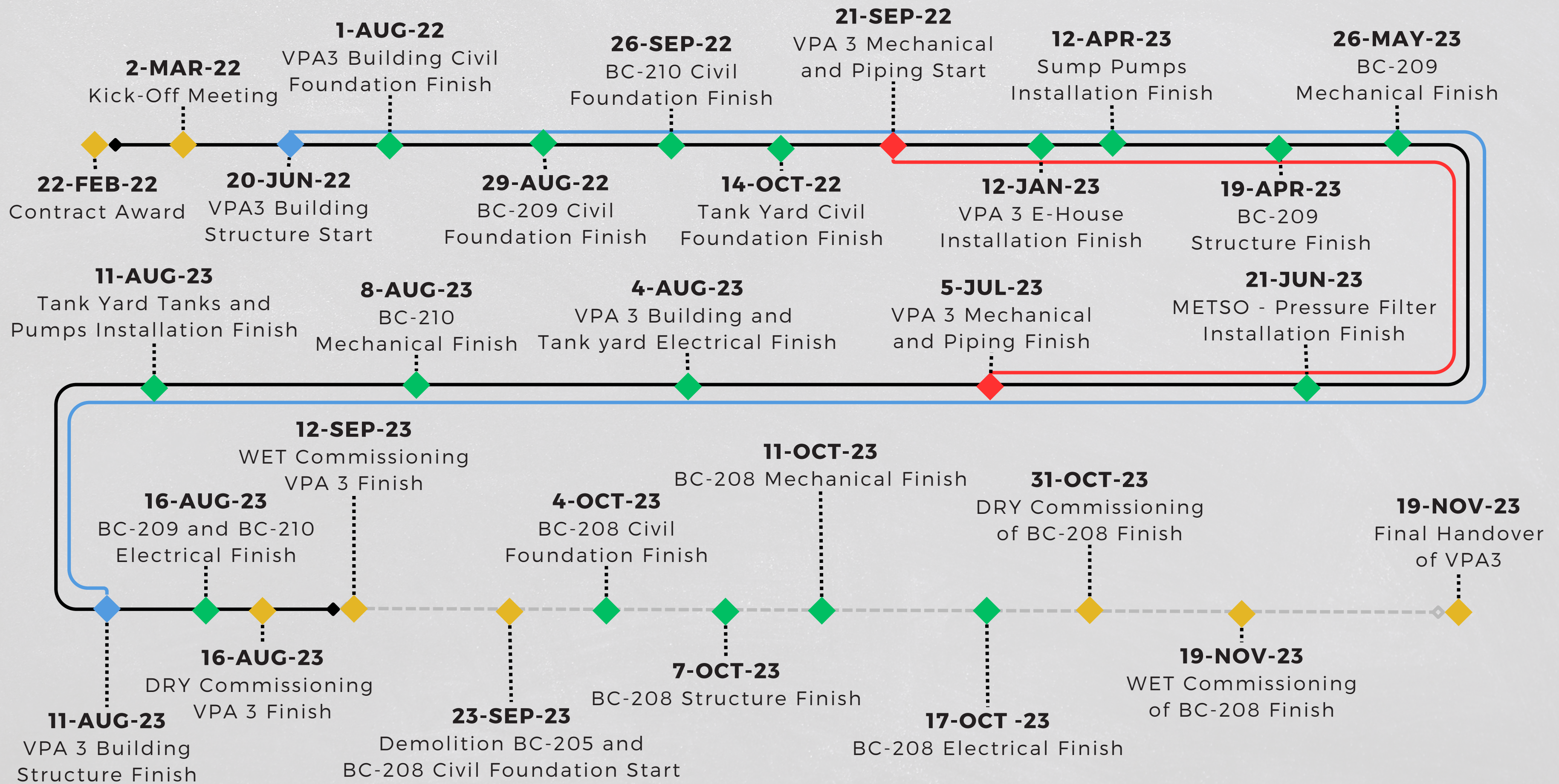
Senior Planner (MOC Division)

tpitts@fmi.com

US Cell: +1.928-713-7969



# PROJECT MILESTONES





# PROJECT SEQUENCE: FOUNDATION CIVIL WORKS



Site Survey



Excavation



Pile  
Cutting



Rebar  
Installation



Formwork  
Installation



Concrete  
Pouring



# PROJECT SEQUENCE: EARLY STRUCTURE WORKS



Steel  
Erection



Verticality



Torquing





# PROJECT SEQUENCE: ELECTRICAL GROUNDING



Cable  
Pulling



Ground Rod  
Installation



Cadweld



Conduit  
Installation



# PROJECT SEQUENCE: UG HDPE FIREWATER PIPING



Fusion  
Splicing



PRESSURE TESTING	
LINE NUMBER	5-11 / Joint 1 - 41
TEST DATE	20 May 2022
TEST MEDIUM	Water
DESIGN TEMPERATURE	100 °C
DESIGN PRESSURE	190 psi

Hydrotest



Demarcation &  
Backfill



# PROJECT SEQUENCE: DECK CIVIL WORKS



Bondek  
Installation



Rebar  
Installation



Concrete  
Pouring



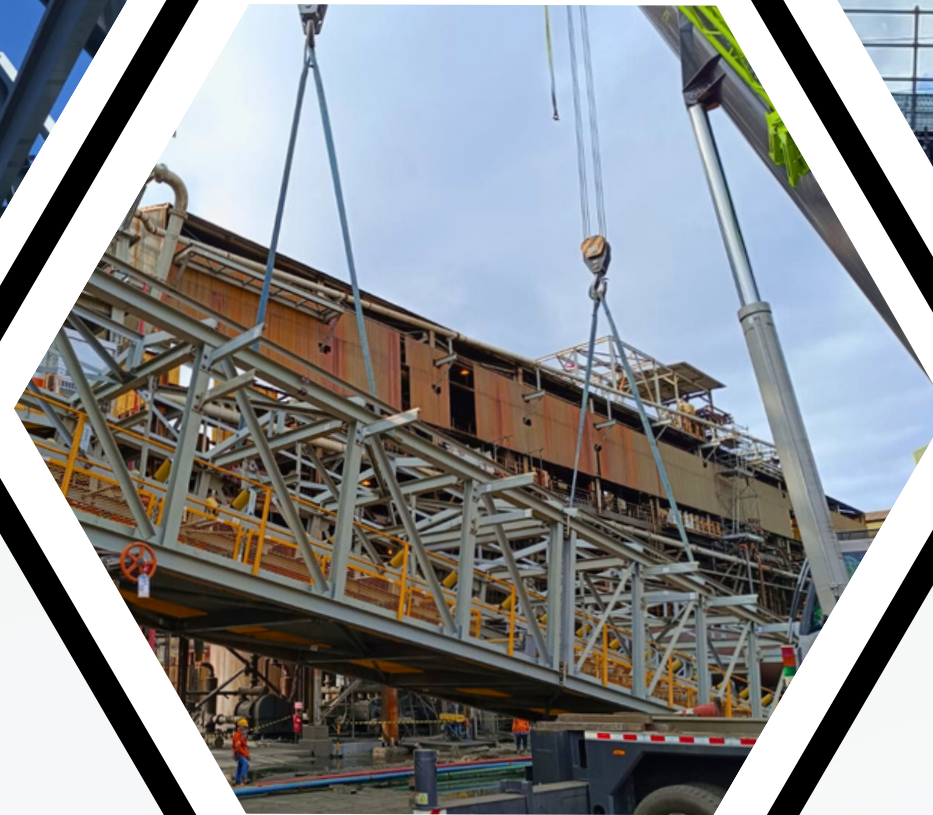
Concrete  
Finishing



# PROJECT SEQUENCE: STRUCTURAL WORKS



Structure  
Erection



Lifting  
Conveyor  
Gallery



Lifting  
E-House





# PROJECT SEQUENCE: PIPING INSTALLATION



Welding

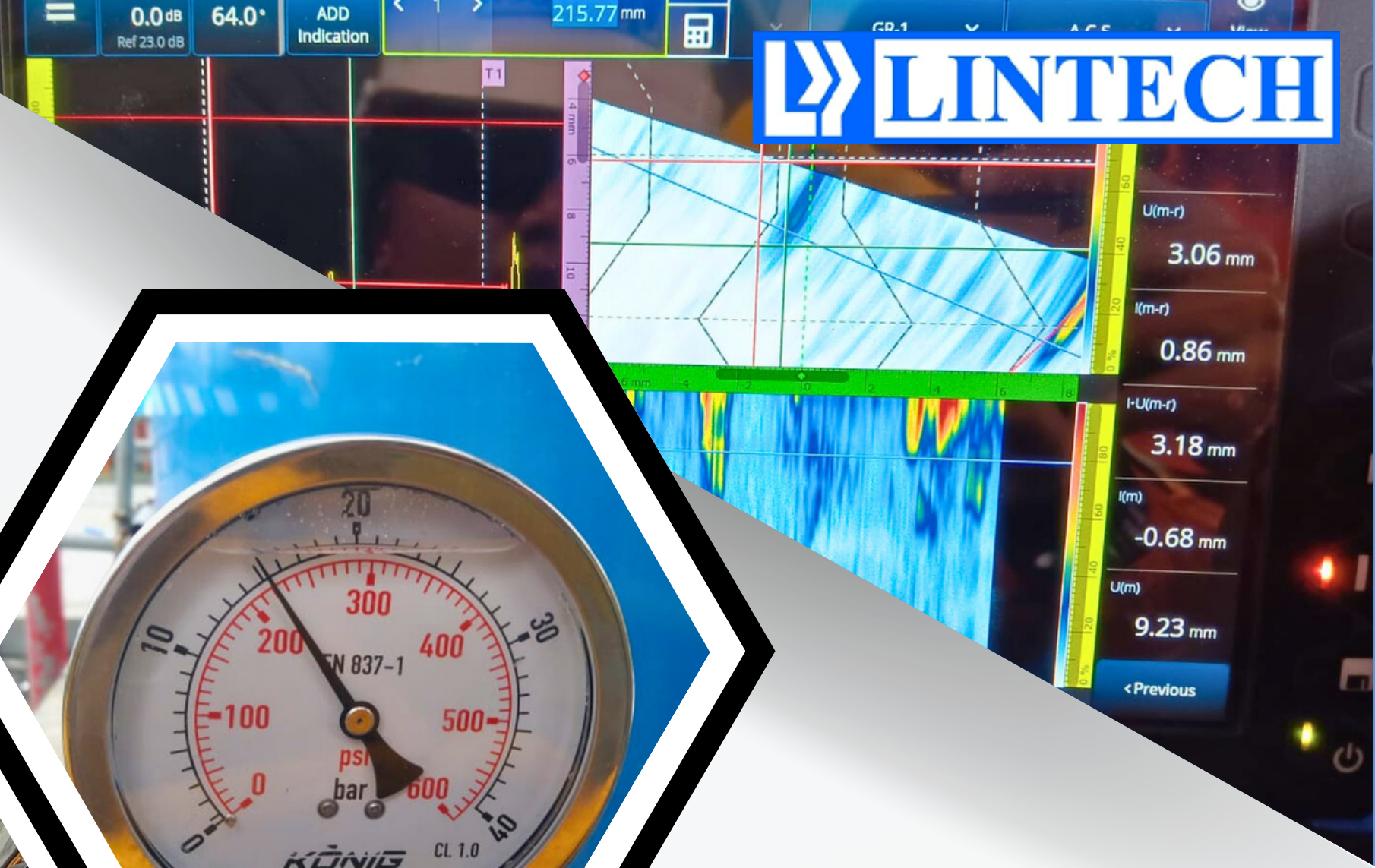


Phased  
Array  
UltraSonic  
Test



Hydrotest

**LINTECH**





# PROJECT SEQUENCE: MECHANICAL INSTALLATION



Onsite  
Tank Weld



Tank Lift  
and Place



Pump  
Installation



Shaft  
Alignment



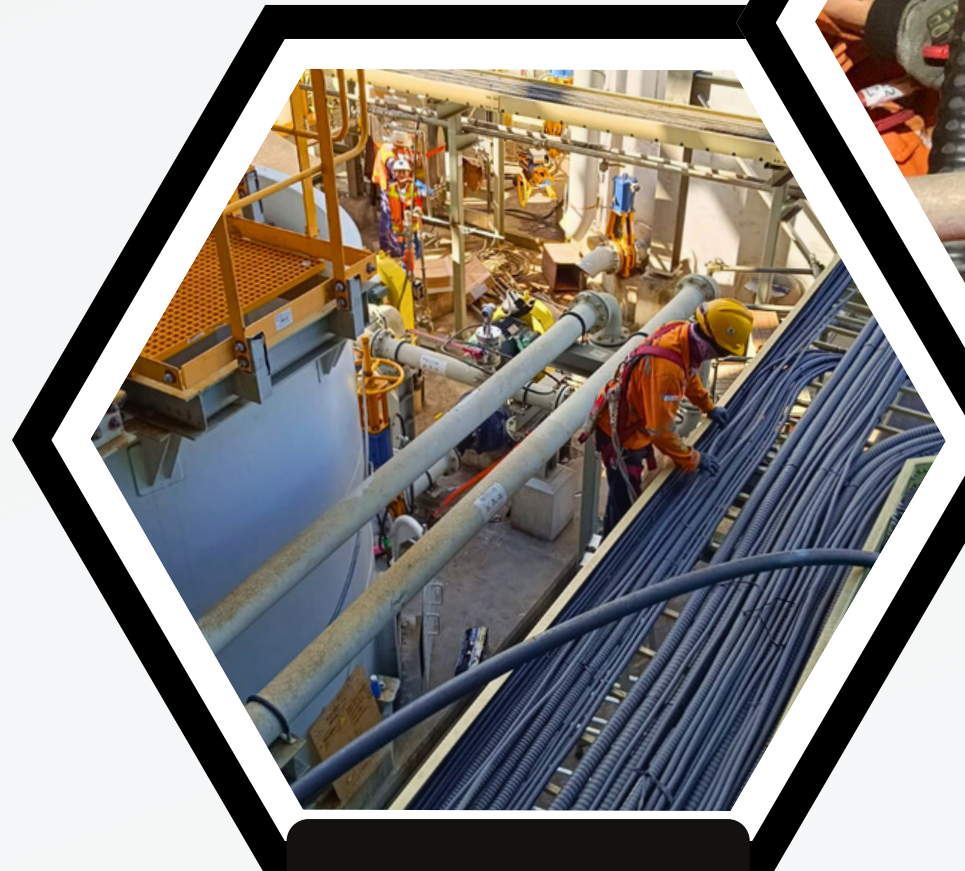
VPA  
Installation



OHC  
Installation



# PROJECT SEQUENCE: ELECTRICAL INSTALLATION



Cable  
Pulling



Cable  
Glanding



Continuity  
& Megger  
Test



Panel  
Termination



# PROJECT SEQUENCE: INSTRUMENTAL



Belt Sway  
Indicator  
Installation



Proximity  
Sensor



Fire System  
Installation



Pressure  
Transmitter



# PROJECT SEQUENCE: COMMISSIONING



Auto Span Complete

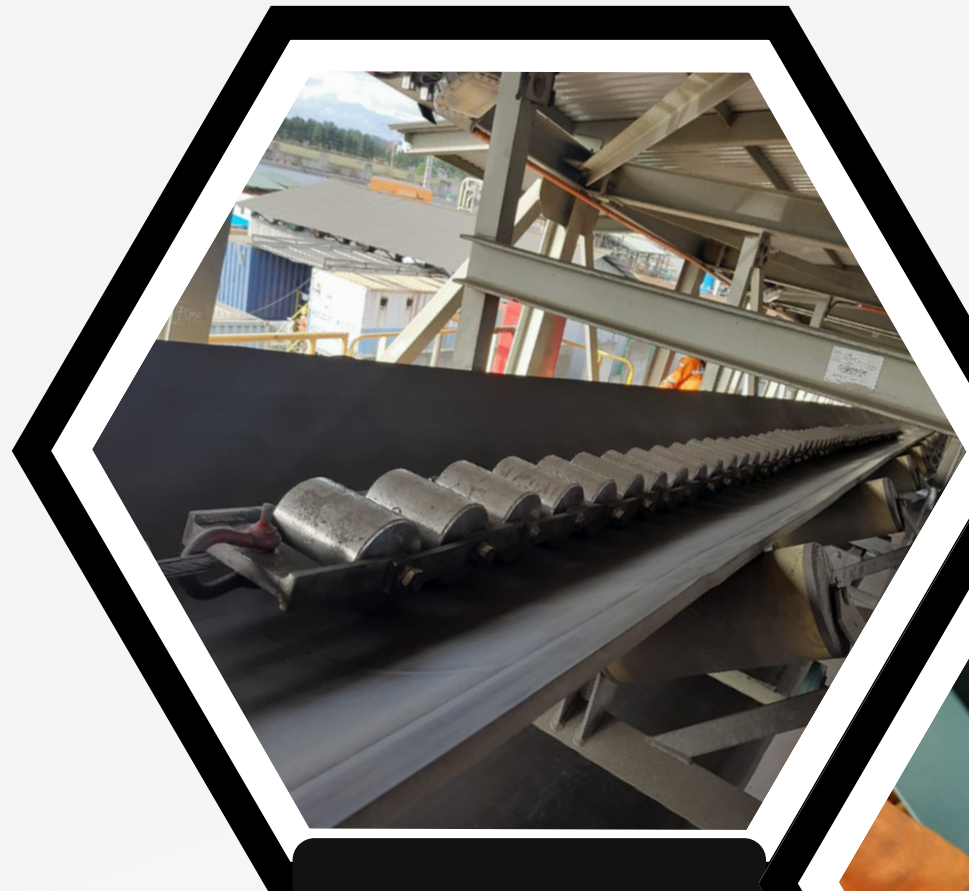
Change Span?

Accumulated t: 57.138

Calibration constant: 57.152

Error: 0.02%

Flex



Belt Scale  
Calibration



Motor  
Vibration  
Check



Pullcord  
Test



Sound  
Testing



# PROJECT SEQUENCE: ELECTRICAL & ARCHITECTURE



Roofing &  
Cladding  
Installation



Lighting  
Installation





A large, multi-story industrial building under construction, featuring a complex network of steel beams, scaffolding, and yellow safety railings. The structure is set against a cloudy sky. In the foreground, there are blue storage tanks and various industrial pipes and equipment.

# THANK YOU



**Graha Lintech – Wira Jatim Industrial Estate  
Mastrip 70, Surabaya, Jawa Timur, Indonesia**

**We offer Integrated Engineering, Procurement, Construction (EPC) and Fabrication for  
Industry, Mining, and Oil & Gas**



**Lintech.co.id**

**LSF.co.id**



**Admin@lintech.co.id**