

# PRECISION FABRICATION FOR THE POWER PLANT & HEAVY INDUSTRY

Engineering Strength.  
Fabricated to Last.



Shree Krishan Kirpa Associates (SKK) | Yamunanagar, Haryana, India

## Proven Pedigree & Strategic Partners



Isgec Heavy Engineering Ltd.



## India's Manufacturing Backbone for Heavy EPC

Delivering turbine components, heavy structural fabrication, and comprehensive power plant engineering. SKK serves as the trusted, quality-assured fabrication partner for national energy infrastructure and demanding international export markets.

# The Architecture of Scale: Core Capacities



Plate Cutting  
Up to **110mm** thick plates.



Dimensional Scale  
Large plate fabrication handling up to **8 x 8 meters**.

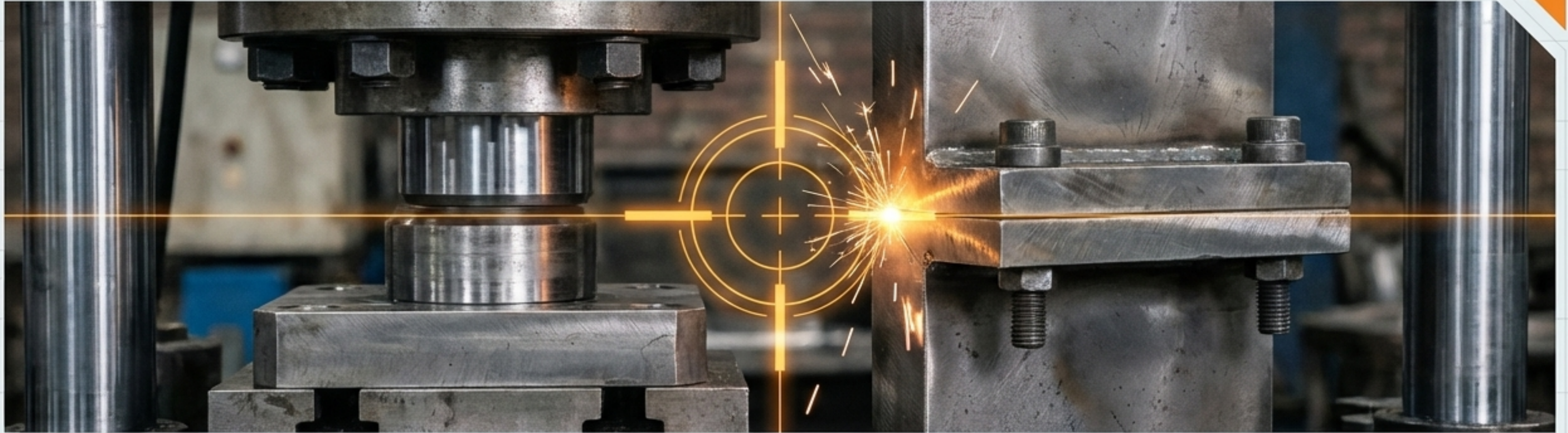


Rolling, Forming & Bending  
Up to **40mm** thick MS plates.



Lifting Power  
Engineered overhead capacity for up to **32 Metric Ton** single-piece jobs.

# Extreme Tolerances in Heavy Assembly



## Surface Accuracy

Flatness achieved strictly within 0.5 MM across massive surface areas.

## Structural Alignment

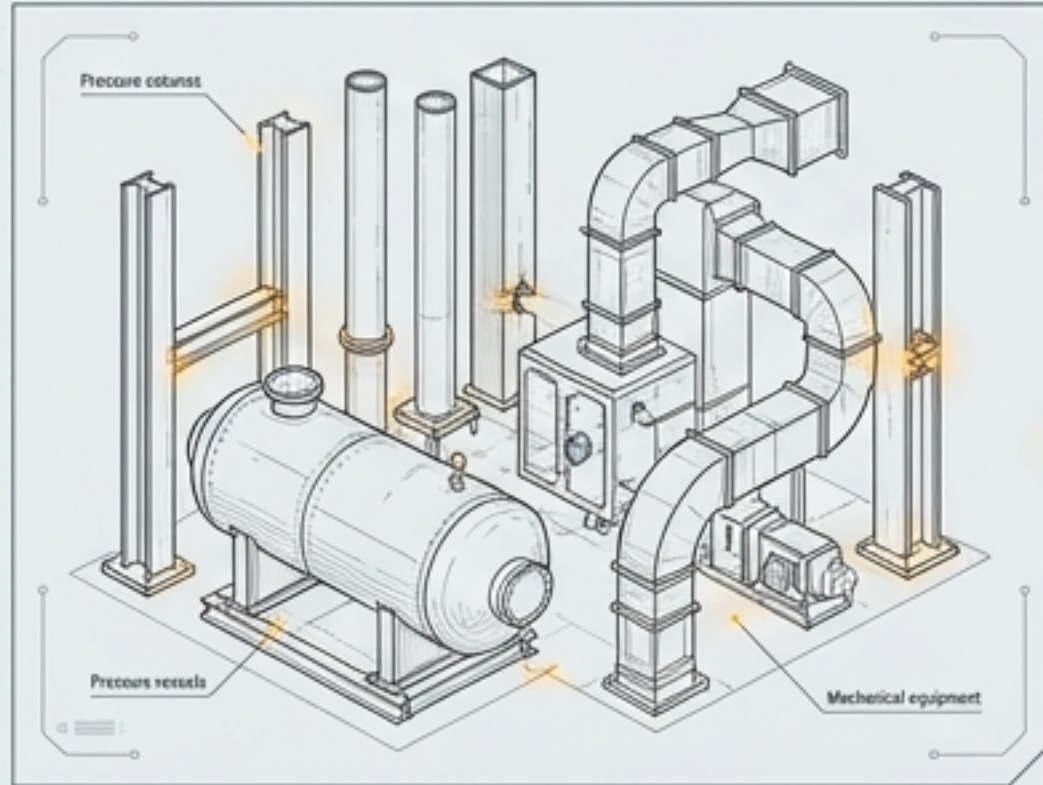
All critical holes and mounting points maintained within +0.2 MM tolerances.

## Weldment Integrity

100% sound weldments verified via continuous Ultrasonic Testing and X-Ray verification.

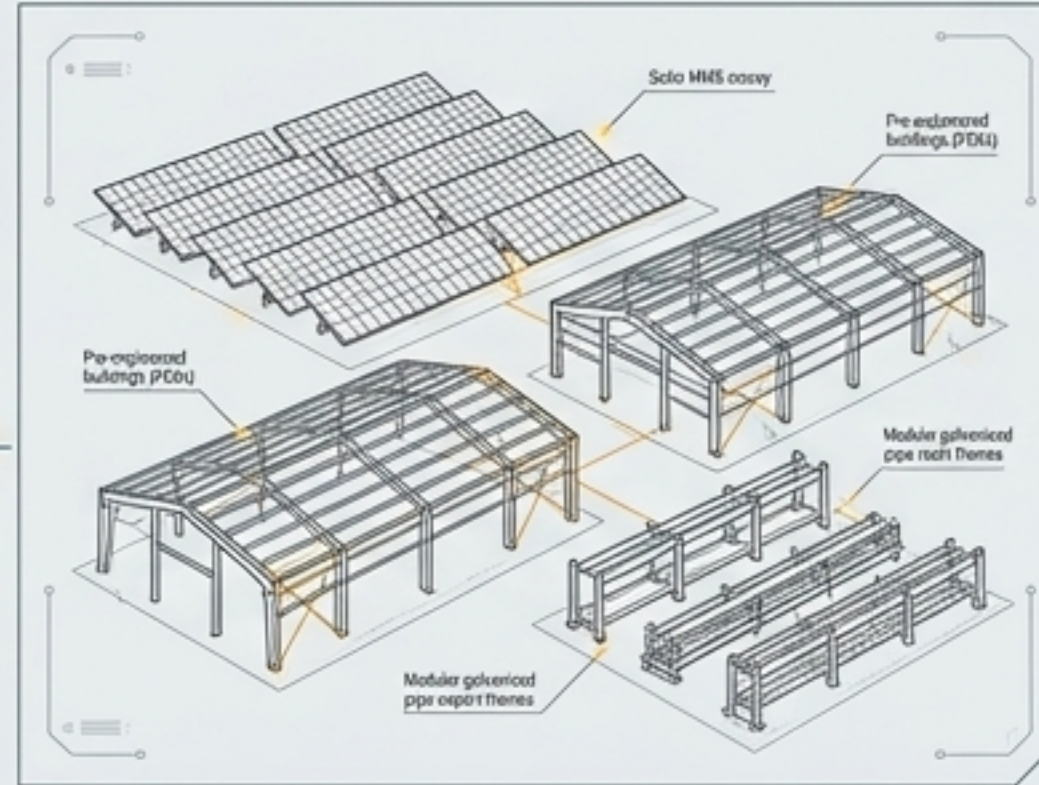
# Three Verticals. One Standard of Execution.

## PSU & EPC Fabrication (Core Strength)



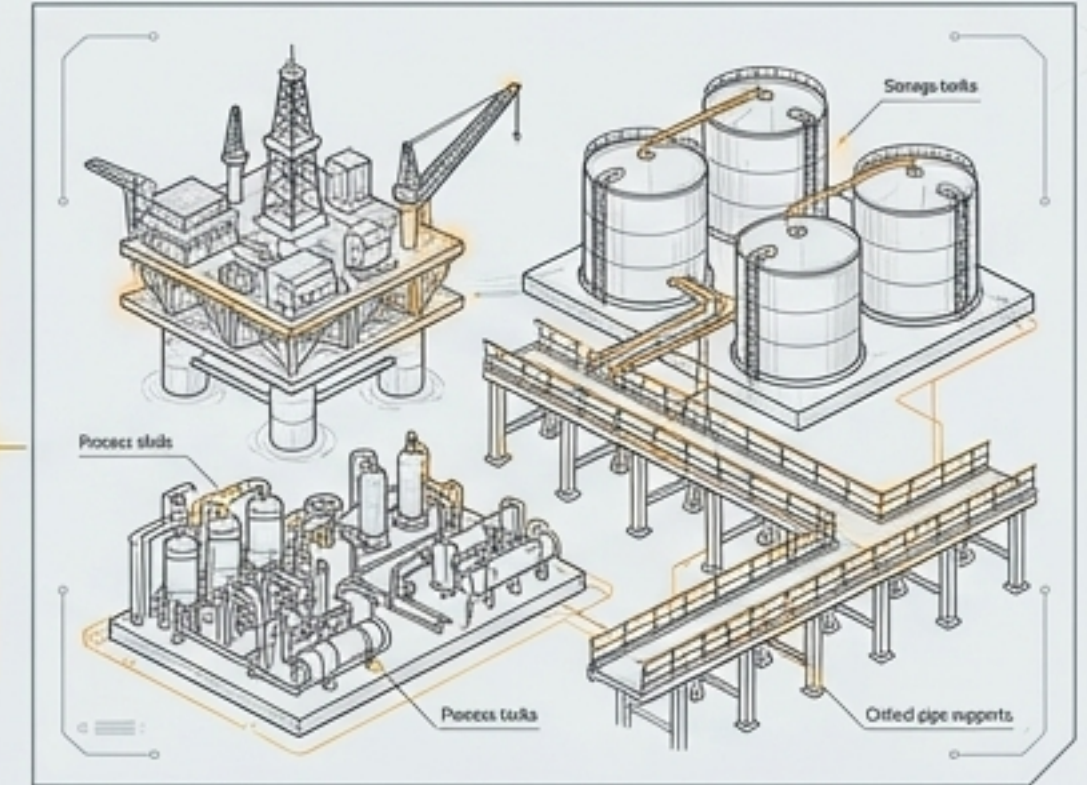
- Heavy steel structures
- Boiler & pressure vessels
- Ducting, columns & mechanical equipment
- Driven by rigorous QA/QC for national power grids.

## Infrastructure & Export (Growth Vertical)



- Solar MMS structures
- Pre-engineered buildings (PEBs)
- Galvanized pipe racks and export frames
- Geared for UAE, Saudi Arabia, & the broader GCC.

## Oil & Gas Fabrication (Capability Development)



- Skids & frame fabrication
- Storage tanks
- Platforms & walkways
- Critical pipe supports.

# PSU & EPC: Powering Heavy Infrastructure

- Trusted manufacturing partner for 250MW, 650MW, and 800MW power plant components.
- Specialized execution of Low Pressure (LP) Rotor Packages fabricated with strict dimensional check-ups to completely eliminate on-site rework.
- Expertise in custom coal sampling platform packing structures, fully assembled with integrated piping and fittings for BHEL HERP.
- Regular Non-Destructive Testing (NDT) practices guarantee sound, leak-proof welding for critical boiler and vessel elements.



# Blueprint to Reality: NTPC Condenser Execution

**Project:** Condenser Bottom Plate | **Client:** BHEL for NTPC | **Material:** MS Plate



## **Step 1: The Schematic.**

Translation of BHEL 2D engineering drawings into execution plans.

## **Step 2: Plate Cutting & Shaping.**

Precision cutting and angling of heavy MS plates on the factory floor.

## **Step 3: Fit-Up & Reinforcement.**

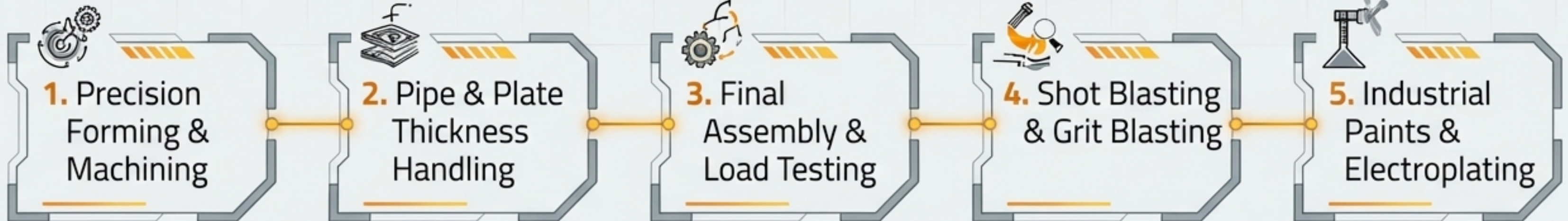
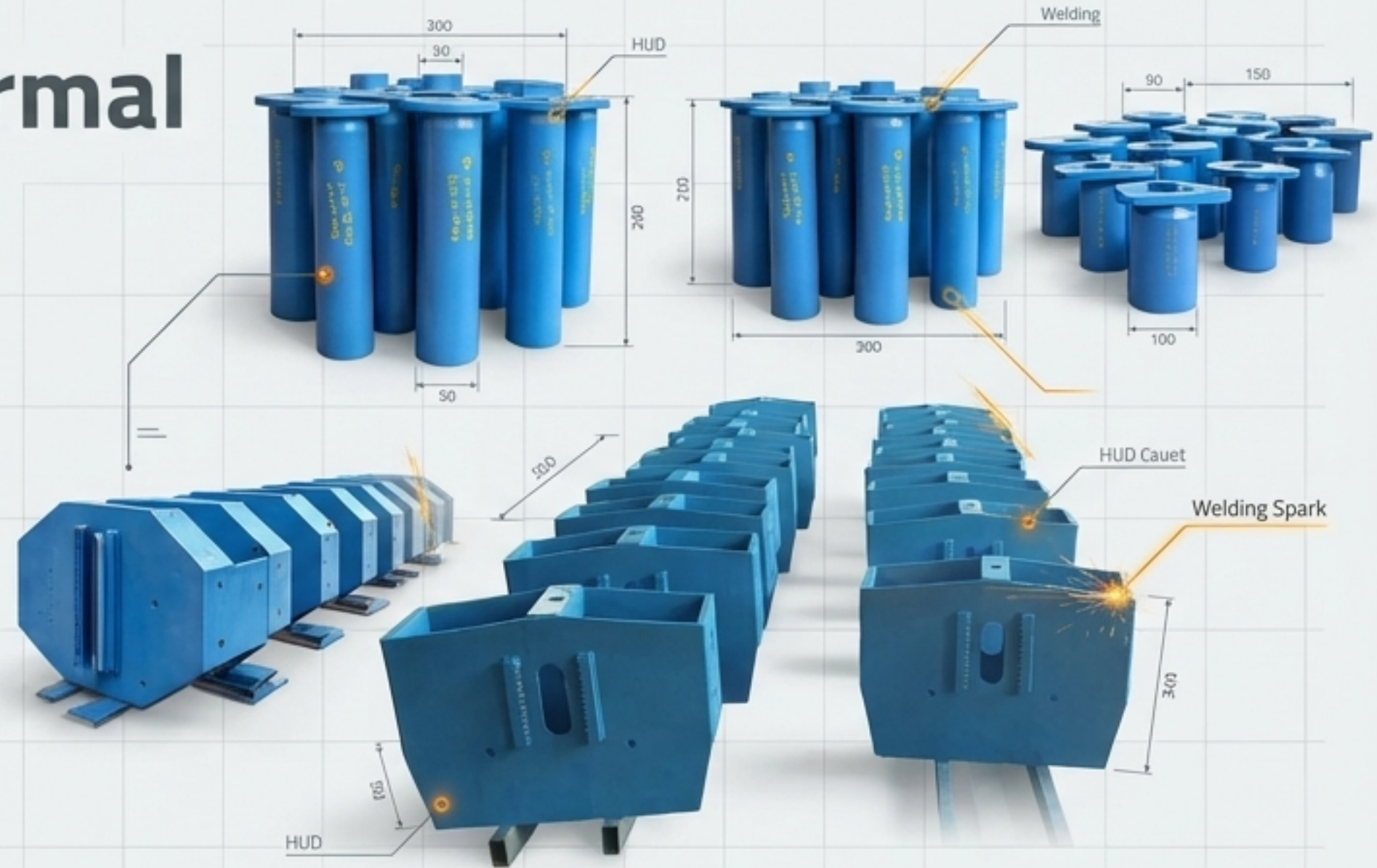
Precise alignment and structural fit-up using heavy steel stiffeners.

## **Step 4: Final Assembly.**

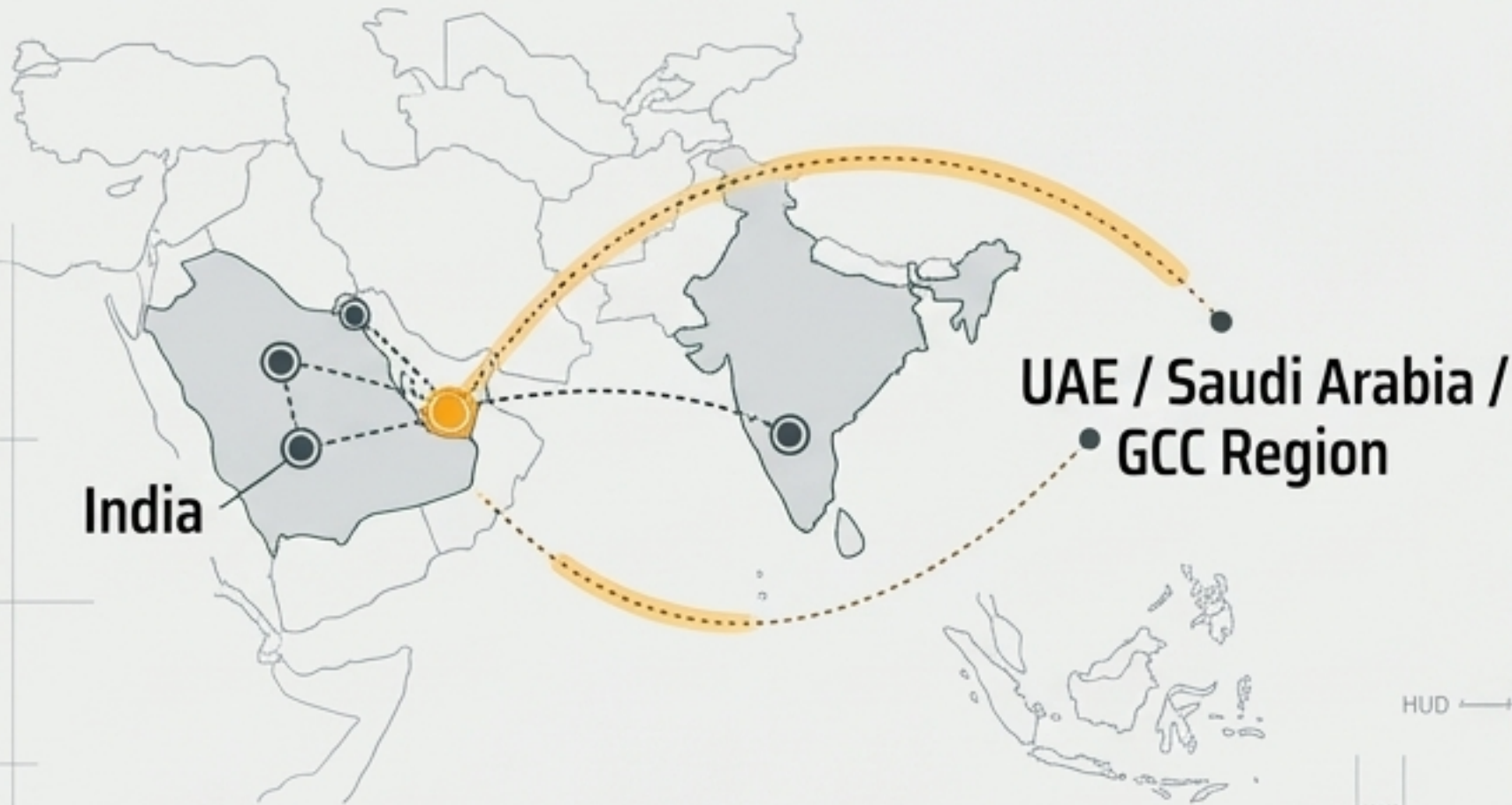
The completed, fully welded condenser bottom plate. 25mm thick, 7.8 meters in length, and 3.3 meters in width. Ready for deployment.

# Product Spotlight: Thermal Power Piping Supports

Manufacturing of Constant & Variable Load Hangers engineered strictly as per LISEGA design standards, successfully delivered to BHEL Trichy.



# Export Fabrication: Engineered for the Global Market



## Core Export Competencies

- Hot-Dip Galvanized Platforms & Handrails
- Pre-Engineered Building (PEB) Steel Beams
- Structural Steel Assemblies & Pipe Racks
- Solar Module Mounting Structures (MMS)

## Global Readiness Guarantee

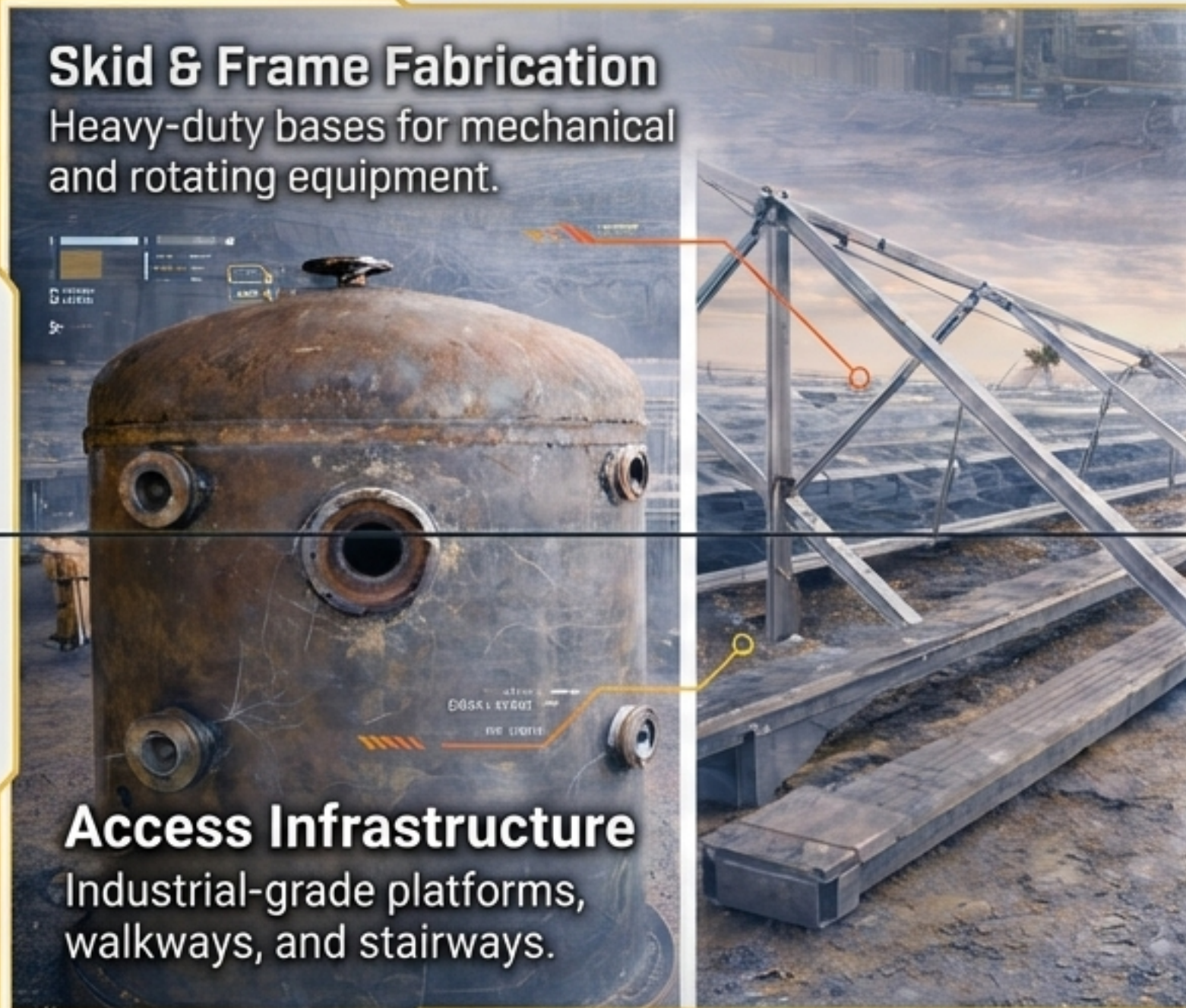
- ISO Certified Manufacturing Facilities.
- Comprehensive Third-Party Inspection (TPI) Reports provided with all shipments.
- Custom Seaworthy Export Packing ensuring zero transit degradation for UAE, Saudi Arabia, and GCC projects.

# Oil & Gas Fabrication: Capability Development

Aligning SKK's heavy structural and precision welding pedigree with the specialized requirements of global Oil & Gas EPC contracts.

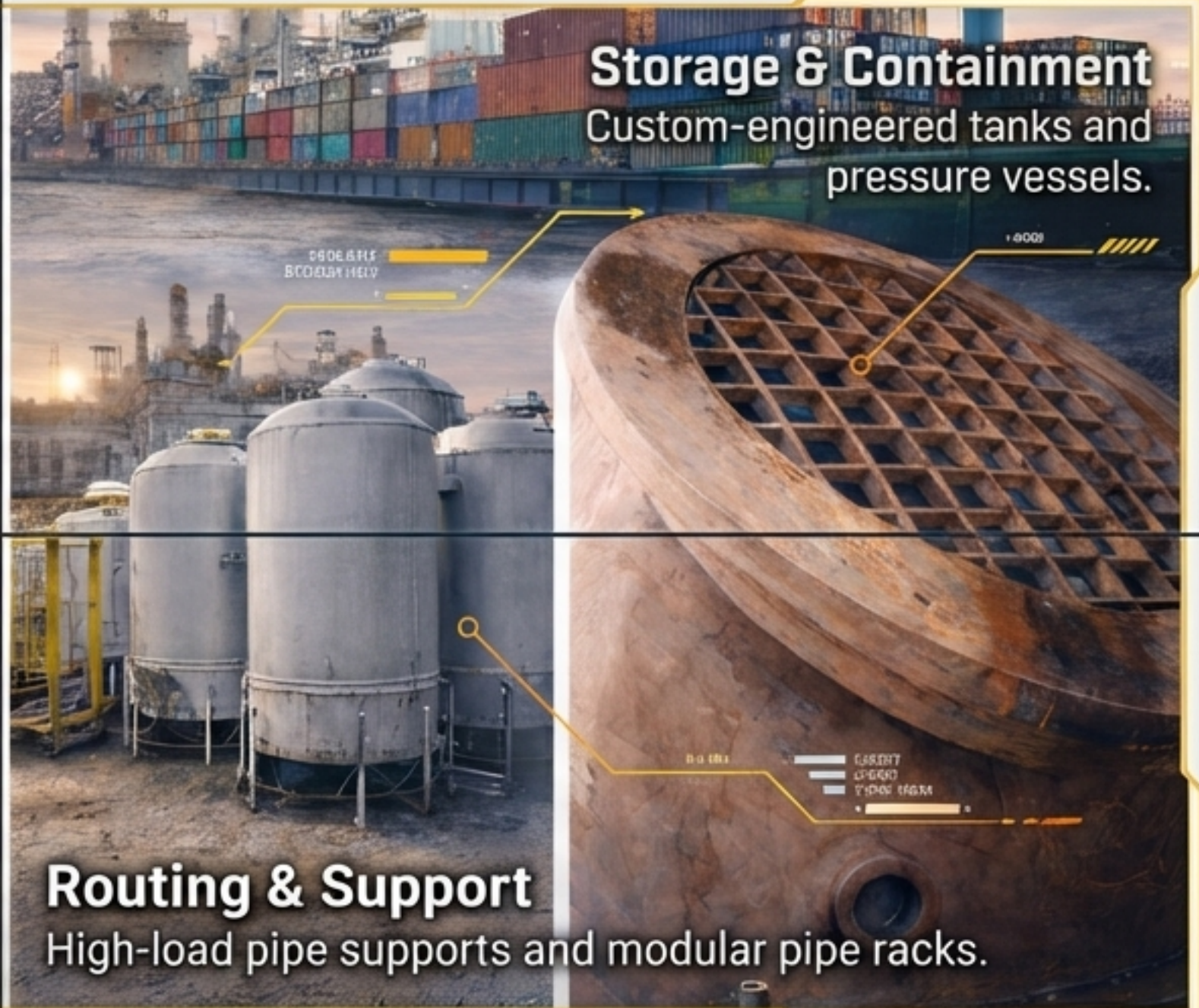
## Skid & Frame Fabrication

Heavy-duty bases for mechanical and rotating equipment.



## Access Infrastructure

Industrial-grade platforms, walkways, and stairways.



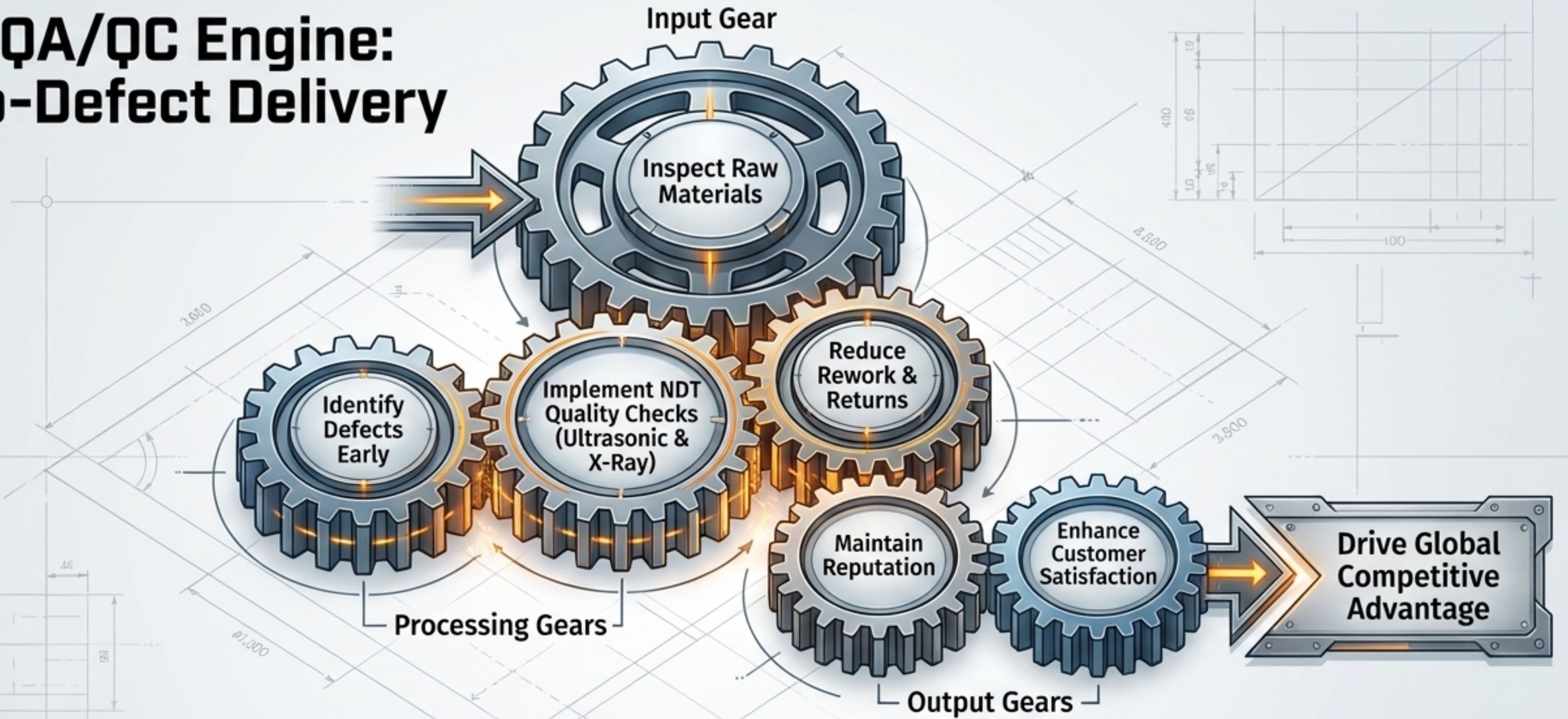
## Storage & Containment

Custom-engineered tanks and pressure vessels.

## Routing & Support


High-load pipe supports and modular pipe racks.

# The QA/QC Engine: Zero-Defect Delivery



## Synthesis Takeaway:

Our continuous inspection loop guarantees that whether a component is a 32-ton boiler vessel or a variable load hanger, it meets exact dimensional tolerances before final painting and deployment.



# Ready to Scale Your Next Heavy Engineering Project.

**Shree Krishan Kirpa Associates (SKK)**

Plot No. 50, Manakpur, Yamunanagar, Haryana, India.

**Precision Fabrication • Industrial Engineering Solutions • Export-Ready Manufacturing**