

# SHREEVIBA Presentation to IMOP



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**SHREEVIBA**   
EQUIPMENTS & SERVICES

# IMOP Use-Cases and SHREEVIBA Approach & Solution



# IMOP Company Overview

In April 2011, Metal One and Keiyo Blanking Kogyo Co., Ltd. joined forces to establish India Metal One Steel Plate Processing Private Ltd. (IMOP), the first site in India for the melt cutting and processing of steel plates.

The joint venture held a groundbreaking ceremony for the new plant, located in the suburbs of Tada, Andhra Pradesh, in the Sri City Special Economic Zone (SEZ).

IMOP is the third joint overseas base for plate processing that Metal One and Keiyo Blanking Kogyo have set up.

IMOP supplies products such as melt-cut parts, secondary-processing items, and composite parts, primarily for Caterpillar Inc. and other construction machinery manufacturers.

- Managing Director – Mr. Takeshi Mitsui
- Capacity – Finished Goods 2000 mt/month in 2013, Raw Material 3000 mt/month in 2013
- Plant – 21000 sq. meters
- Employees – More than 400 employees

# IMOP – Forklift & Combi Lift Operations

Forklifts play a vital role in everyday business activities. It starts at 8.30am to round the clock of operations. Forklifts are used in various departments like Cutting, Welding, Machining, Bending, Gas Bowling, Rework, PDI and finally Dispatch.

Currently 3 ton (4 nos.) , 4 ton (2 nos.) forklifts and 1 combi lift are operating inside the plant.

## 3 Ton Forklift Operations - Departments

- Cutting Dept
- Bending Dept
- Welding Dept
- Machining Dept
- Stores

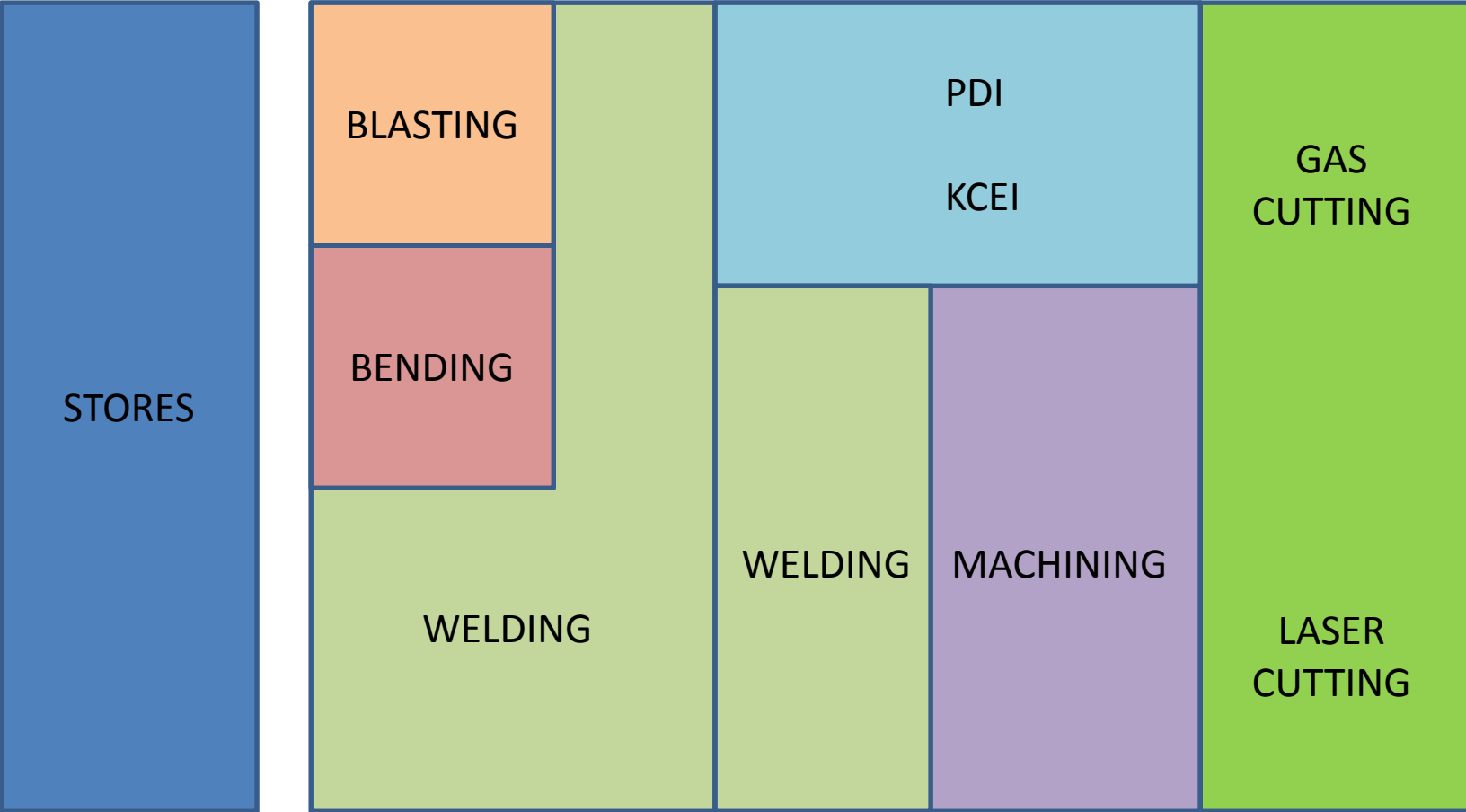
## 4 Ton Forklift Operations - Departments

- Paint Shop
- Shot Blasting
- Dispatch

## Combi Lift Operations - Departments

- Paint Shop

# IMOP - Forklift Operation - Schematic Diagram



# IMOP – Forklift Usage

**Forklift 1 (3 Ton)** → Bending and Machining Department → 3 Shifts

**Forklift 2 (3 Ton)** → Stores – 1 dedicated forklift required for day and part of night → 8 Hrs material feeding to 5 line and getting back material to stores, 2 hrs stores activities, 2 Hrs storage material following

**Forklift 3 (3 Ton)** → Cutting (Laser / Gas), Welding, Machining, Bending, Gas Bowling, Rework → 3 Shifts

**Forklift 4 (3 Ton)** → Welding to Sub Assembly Welding, PDI, Machining and again to Welding. KCEI part moving and part feeding → Fully Occupied

**Forklift 5 (4 Ton)** → Blasting and painting

**Forklift 6 (4 Ton)** → Dedicated to Dispatch and FG Department

# IMOP – Current 3 Ton Forklift Operation

S. No	Department	Forklift Nos.	1 <sup>st</sup> Shift	2 <sup>nd</sup> Shift
1	Stores	1	1	4 Hours
2	Cutting	1	1	1
3	Welding	1	1	
4	Bending	1	1	1
5	Machining			

# Our Approach to 3 Ton Forklift Operation

S. No	Department	Forklift Nos.	1 <sup>st</sup> Shift	2 <sup>nd</sup> Shift
1	Stores	2	1A	1A
			1B	
2	Cutting	1	1	1
3	Welding	1	1	
4	Bending	1	1	1
5	Machining		1B	



# Our Solution / Suggestion

- Working bay / area is small and narrow; Usage of power steering forklift with very minimum turning radius is advisable.
- Metal and Wooden pallets will help more on sorting and easy transport by Forklifts.
- Trained and experienced operators will help in avoiding any accident and quick operations.
- There are number of cantilever and semi cantilever cranes operating in the same area where forklifts are also operating inside the plant. Forklift operators are not able to properly identify which crane is currently operating and hence some minor accidents are always on the cards. Below is our suggestion in handling this issue in a better way.
  - ❖ Probe light with alarm will help to know which crane is currently operating. It should work only when the remote is switched on.
  - ❖ Forklifts should be provided with Front and Reverse horn, probe light and alarm.

# Why SHREEVIBA and not Others

- We offer you brand new forklifts which has 4.3 mts container stuffing Mast.
- Our forklifts have minimum turning radius with power steering for smoother drive and better used in narrow and small work areas.
- Fuel efficient than any other forklift in the market. Our forklifts are fitted with SAS technology for Safety.
- We can also provide maintenance and repair services for your existing forklifts. If you are interested we can go for AMC of company forklifts as well.
- We offer trained and experienced forklift operators who are capable enough to handle all situations.
- We will provide a dedicated Mechanic from **Shreeviba Equipment and Services** who will take care of our forklifts and make sure any breakdown does not have a bigger impact on your production and dispatch activities.
- We provide the most competitive pricing in the market with best quality service.

*“Safety – We primarily focus on human safety, client infrastructure safety and vehicle safety – managed by Safety Manager (certified)”*