

Delivering Precision with Ingenuity
Partnering India's Defense Power Programmer



A= MAL Mobile autonomous launcher

B = MRV Mobile Replenishment Vehicle

Design Capabilities

Diverse experience in successful development of several Mission Critical equipment for Nuclear Sectors.

Credited with several First Time Developments in the Country.

Experienced designers for, Product Design - mechanical / hydraulic / electrical, Jigs & Fixtures design to ensure precision fabrication & machining

Design of Testing Setups: Software used, Auto-CAD, Inventor, Ansys

Capability of Design Analysis (Dynamic, harmonic, static).

Supported by well documented process capability data., Equipped with relevant standards, reference handbooks.

Manufacturing Capabilities, Precision Fabrication

Material of construction of Stainless and Carbon Steel from 40 mm to 250 mm thickness. with large & heavy fabrication of both Cylindrical as well as Prismatic components within an accuracy of +/- 3mm over 10 meter length.

All required infrastructure from Cutting to Fabricating to Post SR Operations are available.

Precision Machining of small to humongous parts - upto 11 m Dia, 15 m in length weighing 80 Tons.

Proven Capability of achieving Dimensional Accuracy of 20 micron and Geometrical accuracy of 30-40 micron Per meter.

QUALITY ASSURANCE & INSPECTION CAPABILITY

Experienced & qualified team of 31 engineers and 51 inspectors

Level I & II expertise in DP, UT, RT, MP, Bubble testing & He leak testing

Level III for RT, UT, DP & MP

Complete set-up for , Checking dimensions in microns up to 5 meters

Calibration done in-house for linear measuring instruments

Tie up with NABL accredited labs for calibration of other instruments