

VARUNA TECHNICAL SERVICES

Our Profile

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OUR ORGANISATION

It gives us great pleasure in introducing ourselves as a Civil Contractor fabricator Electrical Supplier, Manufacturing, Repair and Maintenance unit established in Aug 2003. We are group of companies.

OUR CLIENTS

DEFENCE

Military Engineering Services
NSRY Kochi
INS Dega
Naval Aircraft Yard (Goa)
MO (Goa)
MO (Karwar)
INS Hansa
NSRY (Karwar)
INS Dega
INS Parundu
INS Magar
8 Base Repair Depot Indian Airforce
3 Base Repair Depot Indian Airforce
Airforce Station Tambaram
Coast Guard Station Mandapam
HQNA Tech/Procurement
INS Rajaali

CIVIL

Adani Group
TT Electronics Perungudi Chennai
Plastech Engineering Thiruvananthapuram
Farida Prime Tannery 'C' Unit
India Shoes sampling unit
Farida Prime Tannery 'B' Unit (Second consecutive AMC)
ESAB India Ltd
Arcot Soles Ambur
Rane Brakes India Ltd (Ambattur Unit)
Rane Seatbelt Division
Aarti Brakes
ATH Leather Co.
Southern Railways
Kalpakam Atomic Plant
SP Infocity Thoraipakkam
Kailash Shipping Services Pvt Ltd
TVS Motor Company (Aviation Division)
Greenko Solar
Tata Solar Power

PROJECTS

Few of our latest projects

- Earthing and erection of Transformers for Solar Panel Kamudhi Adani Group
- Civil work and electrical work for solar panel erection in M/s Greenko Madurai narikudi
- Maching Activities in Adani group Kamudhi site
- Fencing Work For Transformers Greenko Narikudi
- Complete Civil work for Tata Solar Power Madras Christian College Chennai including Piling, foundation, Inverter Room, Trenches, Paver Block , fencing, Prefab drains etc.
- Barbed wire fencing and 16 nos Inverter Rooms for Narikudi Madurai For M/s Greenko
- Design and Construction Of Naval Air store For INS Parundu (Indian Navy)
- Design and construction of Library in Coast Guard Station Mandapam
- Design and execution of Water line for INS Rajaali (Indian Navy)
- Design and extension of Fire main system in SP Infocity Thoraipakkam
- Solar street lights for L&T Kanchipuram and Military Engineering Services Arakkonam.
- Design and Execution of Fire fighting System in Kailash shipping services Pvt Ltd
- Cladding of steel plates and erection of Cable tray in Kalpakam
- Fabrication of Ground Support Equipments

MECHANICAL

- Design and fabrication operation and maintenance of Fire fighting systems, sprinkler system
- Fabrication of Various engineering Products and pipelines .
- Manufacture/overhaul/repair/servicing of AC Truck, CO2 Truck, Nitrogen Truck and there AMC
- Manufacture/overhaul/repair/servicing of LOX Tank and there AMC
- Manufacture/overhaul/repair/servicing of Nitrogen carts, and there AMC
- Manufacture/overhaul/repair/servicing of O2 carts and there AMC
- Manufacture/overhaul/repair/servicing of Special purpose Machines, scissor trolleys with variable size & load and their AMC
- Manufacture/overhaul/repair/servicing of Ground Support Equipments and their AMC
- Manufacturing of Mobile Welding Machines
- Repair of Genset
- Repair of Engines
- Manufacture/overhaul/repair/servicing of ground support equipments
- Repair/Servicing of Mechanical Equipments & systems and their AMC
- Calibration of aviation/marine grade Instrumentations and gauges from DGAQA, DQCA, NABL approved labs.

HYDRAULICS

- Manufacture/overhaul/repair/servicing of Hydraulic Trolleys, Hydraulic Jacks,
- Manufacturing/Repair/Servicing of Hydraulic Components & systems and their AMC
- PLC Based production testing equipments with pneumatic Actuators (Air).
- Supply of hydraulic components
- Honing
- Hydraulic flushing
- Manufacture of hydraulic test benches
- System laying and commissioning

ELECTRICAL /ELECTRONIC

- Manufacture/overhaul/repair/servicing of Ground Power Unit and their AMC
- Erection and Commissioning of Sound proof Generator Sets, Invertors, transformers and their AMC
- Servicing/repair of all type of Converters
- Repair of Aviation Rotables and Components
- Laying of Electric/ Control Cables
- Installation of emergency lighting system
- Supply / Servicing / repair of U.H.F & V.H.F. Communication Systems
- Servicing/repair of SONAR Devices , Infrared Devices, Fiber Optic Devices
- Supply and repairs of Computer Oriented Testing Equipments (CAT).
- Sourcing, Supply of CRETE and their repairs.

SUPPLY

- Sourcing and Supply of NATO Spares and items with NSN, Part No/Pattern No, MIL Specification
- Sourcing and supply of Stores items as per the requirement of end user
- Aviation/Marine special tools (Stahlwille, Proto, Stanley, Snap-On)
- CRETE
- Sourcing and Supply of stores
- Aircraft General Spares, POL
- Hydraulic Jacks, Hydraulic Trolleys, Hydraulic pumps and spares
- Sourcing and Supply of Security Systems & equipments
- Sourcing and Supply of Fire fighting / Damage Control Appliances
- Sourcing and Supply of Engineering Items
- Sourcing and Supply of Safety Equipments
- Thickness Gauges
- Liquid level Indicator
- Portable Ultrasonic Watertight Integrity Test Indicator
- Cable Tension Meter
- Explosion Proof Film Class 336
- Store supply to Base Victualling Yard Andaman

SECURITY

- Supply, Installation and commissioning of CCTV and Camera Devices
- Supply, Installation and commissioning of various Access Control Systems
- Supply, Installation and commissioning of IR Fencing Security
- Supply, Installation and commissioning of Vehicle Under Chassis Inspection System
- Supply, Installation and commissioning of Tyre Shredder System
- Supply, Installation and commissioning of Boom Barriers
- Supply, Installation and commissioning of Hydraulic Bollards
- Supply, Installation and commissioning of Security Systems like Fire Alarm, Bugler & Theft Alarm
- Integration of security systems with Networks
- Supply of Security items like High performance Torch lights, Security lights, Bullet Proof Jackets, Helmets and Communication Devices, Night vision Binoculars
- Manufacturing, Installation and commissioning of Sliding Gates
- Supply and Installation of High Beam Search Lights with Backup
- Road Blocks, Modular Vehicle Barriers
- Supply of Gas Monitors
- Aerial Surveillance System
- GSM Interception System
- Gunshot Detection System
- Under Door Viewer
- High Power Programmable Cell Phone Jammer
- Supply and Installation of Cellular Phone Detection System
- Perimeter Intrusion Detection System
- Supply and integration of OFRI with CCTV Camera, Thermal Camera, Electro Optical Device

AVIATION STANDARD ITEMS

- Precision Approach Path Indicator
- Runway End Identifier
- LED Runway Centre Line and Rapid Exit Taxiway Indicator Lights
- Emergency Airfield Lighting Systems
- Compressor Washing Rigs
- Hydraulic Jacks for Aircrafts and Helicopters (With/without Power packs)
- Nitrogen and Oxygen supply carts
- Dolly for wheel/Brake change
- Tactical Loader
- Systems to Raise/Lower aircraft Engines
- Truck mounted maintenance platforms
- HBM 150/2, Airport Rotating Beacon, L-801
- Runway-Taxiway, Retroreflective Markers, FAA L-853
- AV125 Series, LED Obstruction Light, Avlite
- AV15, Solar Aviation Light, Avlite
- Bird Guard System
- Runway Friction Tester
- RRR Machine

SERVICES RENDERED

AVIATION ROTABLE REPAIRS UNDERTAKEN

- Receiver Transmitter of Weather Radar System (TU 142M) (Completed)
- KNR 634 A Receiver of Weather Radar System (TU 142M) (Final Stage of Repairs)
- Navigation Gyro (TU 142M) (Completed)
- VORDME Receiver (TU 142M) (Completed)
- Endoscope Equipment (RAQAS ARK) (Completed)
- Oscilloscope INAS 339 (Completed)
- TOPAZ Ground Complex Flight Data Processing BSF(Goa) (Trial Stage)
- TOPAZ Ground Complex Flight Data Processing INAS 339 (Trial Stage)
- EBNTK Flight Data Recorder Unit (KM-31) (Trial Stage)

FEW OF OUR ANNUAL MAINTENANCE CONTRACTS

1. Operation and Maintenance of Fire Main system In SP Infocity since 2013
2. AMC of ALW INS Rajaali (2006-07)
3. AMC of Air tec GPU BSF (Goa) (Current year)
4. AMC GPU (Mak and Avish 5 in Nos) INS Rajali
5. Air Truck In Base Support facility INS Rajaali (2005-06)
6. Aircraft Lifting Jacks Base Support Facility INS Rajaali (2005-06)
7. AMC of GSE HMU INS Rajaali (2006-07)
8. Farida Prime Tannery (Total Comprehensive AMC of 250 Machineries from 2004-Till to date)
9. Arcot Soles India Ltd (Total Comprehensive AMC of 150 Machineries from 2004-2006)
10. FLW India Ltd (Total Comprehensive AMC of 250 Machineries from 2004-2006)
11. Rane Brakes India Ltd (2006-07)
12. AMC of 17 Specialist Vehicles NAY(GOA) (Current year)

FEW OF OUR OVERHAUL/SERVICES

1. Overhaul of Deutz Engine Model No BF6L 913
2. Overhaul of Kirloskar Engine 694 TC
3. Overhaul of 200-Ton Pressing Machine
4. Staking Machine.
5. Overhaul of Major Air-conditioning Plant.
6. 400 Ton Hydraulic Press
7. Avish GPU
8. Air Truck
9. Detroit Diesel Engine of AC Truck
10. Copeland Compressor

INDIGENISATION

- NCR (Nitrogen charging rig for aircrafts)
- Brake bleeding rig
- Pneumatic Flushing Rig
- Cabin Ladder for Mirage Aircraft
- Hydraulic pipe assembly for arrester barrier
- ACR (Air Charging Rigs)

FEW OF OUR PRODUCTS



Figure 1 MOBILE WELDING MACHINE (ESAB)



Figure 2 GROUND POWER UNIT

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Figure 3 AIRCRAFT WASHING RIG



Figure 4 DORNIER AIRCRAFT COMPRESSOR WASHING RIG



Figure 5 CO-2 TROLLEY



Figure 6 ONE TON HAND PRESS



Figure 7 HYDRAULIC FILTRATION UNIT

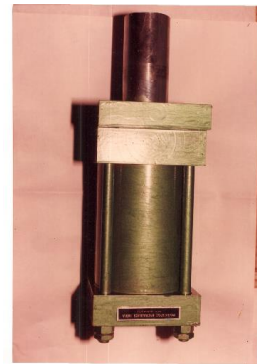


Figure 8 FIVE TON HYD JACK

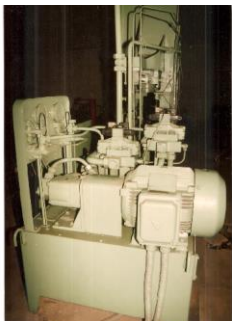


Figure 9 HYDRAULIC SYSTEM 100 TON PRESS



FIGURE 10 TEN TON HYDRAULIC CYLINDER WITH LOCKS



Figure 11 Scissor Trolley with variable height and load

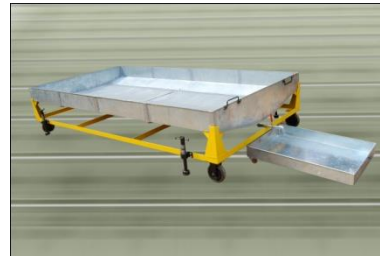


Figure 12 DIP TRAY



Nitrogen reducer



Charging Rig



Fig 13 Various Charging Rigs



Brake Bleeding Rig



Fig 14 100 Ton Jacks CPT



Fig 15 100 Ton Screw jack INS Rajali



Fig 16 Air Syst pipeline bleeding



Fig 17 Dip tray trolley



Fig 18 Eqpt Carrier



Fig 19 Hydraulic press



Fig 20 Gangway



Fig 21 Oxygen charging regulator



Fig 22 TIV

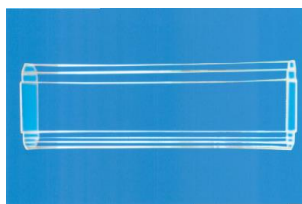


Fig 23 Tubelight Shed INS Marg

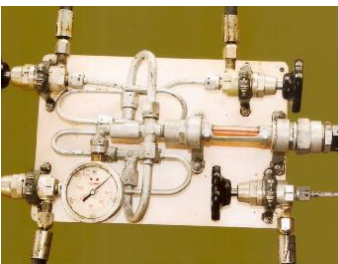


Fig 24 Pneumatic flushing rig



Fig 25 A/C Cooler under repair

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Fig 26 Signal Barricade



Fig 26 TU Wheel choke INS Rajali



Fig 27 Wiper T 58



Fig 28 Fire fighting system fabrication and maintenance



FOUNDATION PILE FOR SOLAR PANEL



INVERTER ROOM FOR GREENKO TOTAL 16 NOS

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FENCING OF TRANSFORMER NARIKUDI



TEMPLATE FOR FIXING J BOLT IN FOUNDATION

We assure of sustained quality product and support always, and our motto is Quality product in time.

Thanking you
Yours sincerely
For Varuna Technical Services