



BALAJI DEFENCE **ENGINEERING SOLUTIONS**



COMPANY INTRODUCTION

Balaji Defence Engineering Solutions, an ISO 9001:2015 company, manufactures custom built steel fabrications and assemblies for wide range of Engineering Industries. The Company uses State of the Art CNC machines including Laser Cutting, Plasma Cutting, Bending,

The availability of facilities for Welding, Powder - Coating, Painting, Plating and Assembly under one roof enables us to deliver finished products at short notice.




COMPANYS VISION, MISSION, PHILOSOPHY AND POLICY

Our Vision: -

Dedicated to create value by being an inspiring & reliable partner to our customers & stakeholder community

Our Mission: -

To consistently exceed customer expectations by manufacturing quality products through innovative manufacturing & engineering methodologies.




Our Policy: -

To consistently exceed customer expectations by manufacturing quality products through innovative manufacturing & engineering methodologies.

Our Philosophy: -

We believe in let us grow together

SERVICED OFFERED

- 1). Laser Cutting
 - 2). Bending
 - 3). Fabrication
 - 4). Design and Development
 - 5). Precise Machining
 - 6). Powder Coating
 - 7). Reverse Engineering
 - 8). Proto Developments
- 

LIST OF MACHINARY

HSG Laser Cutting – 6KW Bed Size: - 2000 x 4000mm

Capacity: **Mild Steel** up to 25 mm

Stainless Steel: up to 16 mm

Armor Steel: up to 20 mm

Alloy Steel: Up to 10 mm

HSG Laser Cutting – 12 KW Bed Size: - 2500 x 6000mm

Capacity: **Mild Steel** up to 40 mm

Stainless Steel: up to 30 mm

Armor Steel: up to 25 mm

Alloy Steel: Up to 22 mm

Energy Mission Bending – 220 Ton

Capacity: Bed Size: 12mm up to 3000mm

Tig Welding Machine: - Adore Welding TIG Machine – 300Ad

Capacity: **Mild Steel:** up to 20mm welding

Aluminum: Up to 12mm



LIST OF MACHINERY

1). Tig Welding Machine: - Adore Welding TIG Machine – 300P

Capacity: **Mild Steel:** Up to 25mm,


Stainless Steel: Up to 16mm

2). MIG Welding Machine: - Prabhunath MIG400I,

Qty : 02 no's

3). CNC Machine ACE

Capacity: - Chuck Size 250 mm up to 800 mm bed size



LIST OF MACHINERY

4). VMC 4th Axis Make AMS

Capacity: -BED SIZE L1500mm X W800mm X H1000mm WITH ROTARY TAB

CERTIFICATION



NDT Testing: LPT and MPI inhouse Facilities

IQIS Industrial Quality and Inspection Services
Specialist in Non-Destructive Testing and Welding Inspection Services
Consultancy / Training / Services

Certificate No: PT-II / 07-22 / 03

Certificate of Proficiency
This is to certify that
Miss Sujata Ravindra Ingle
Has met the certification requirements and has demonstrated proficiency by
qualifying certification examination and is hereby certified to
NDT LEVEL II
In
Penetrant Testing (Visible - Solvent Removable)
Training and examination conducted as per the Written Practice: IQIS /
NDT / WP - 001 Rev 0 which meets the requirements of ASNT
recommended document SNT TC 1A

Paper	General	Specific	Practical	Average
% Required	70	70	70	80.00
% Scored	85	80	87.5	84.16
Date of Issue				Valid Till
23 / 07 / 2022				22 / 07 / 2027

Industrial Quality and Inspection Services
Experience, Knowledge and Leadership you can Trust

Course Instructor Examiner	Stamp and Sign
Ashfaq A. Khan	ASHFAQ A. KHAN ASNT L - III # 212374 RT, UT, MT, PT, VT

KQS KUB QUALITY SERVICES
Turn With Quality • NDE Evaluation & Consultancy • Training in NDE
55/21/4, Yamunanagar, Nigdi, Pune - 411 044.

CERTIFICATE

Certificate No.: KQS/L2/PT/2018/30

This is to Certify that
Mr. Prashant Katkar
has fulfilled the certification requirements and demonstrated proficiency
by successfully qualifying the examination and is hereby certified to
Level II
in
Liquid Penetrant Examination
(Training course and examination is as per the Written Practice KQS/WP/01, Rev 5 in line
with recommendations of document ASNT-SNT-TC-1A)

Date of issue: 11-07-2018 Valid up to: 10-07-2023

Training Hours: 24

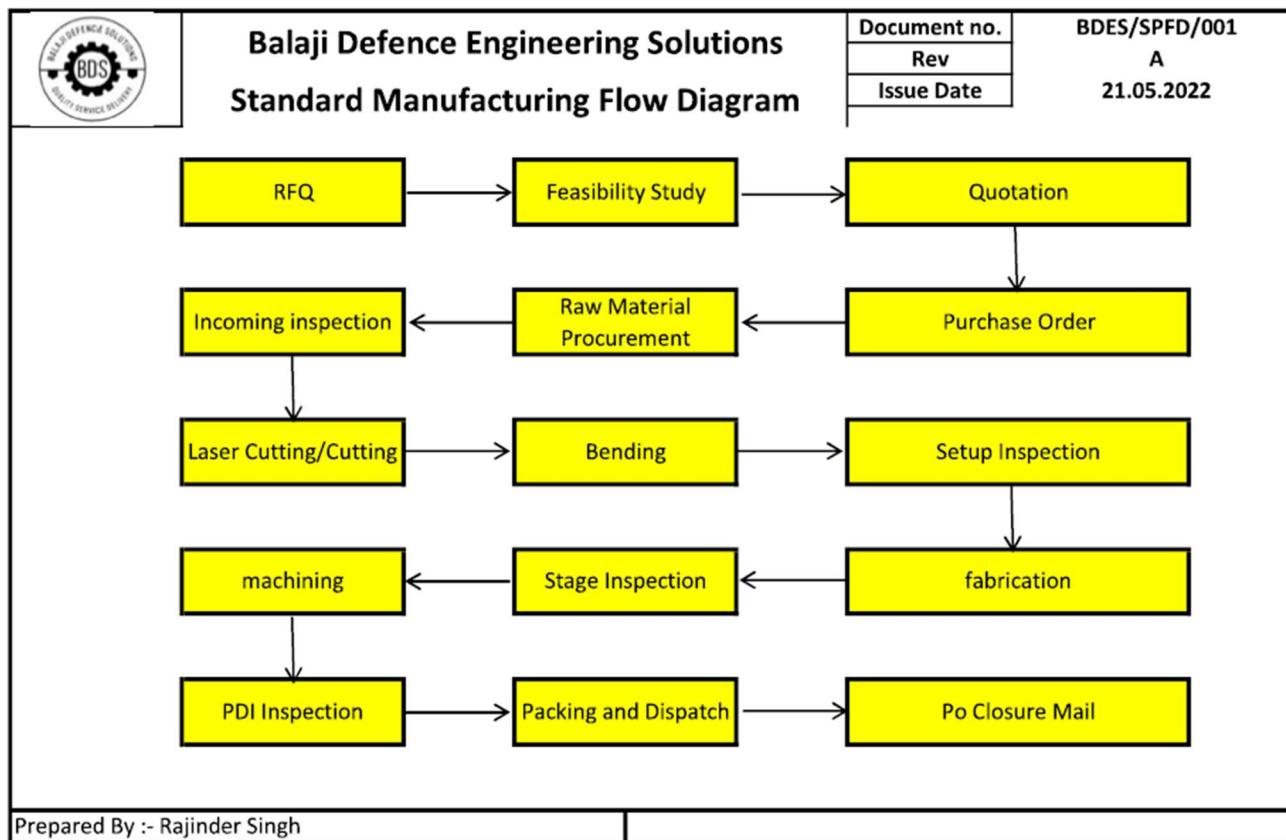
Paper	Min. Grade	Grade Obtained
General	70%	82.00%
Specific	70%	76.00%
Practical	70%	89.00%
Composite	80%	82.33%

Near Vision: OK Color Vision & Shades of Gray: OK
This certificate is issued to enable the employer to certify the individual to the requirements
of SNT-TC-1A

Course Director
KALE UDAY B.
ASNT NDT LEVEL III, ID#53835

Examiner
Candidate

PROCESS FLOW



PRODUCT GALLERY



MP5 Gun Part for Star Aerospace Dehradun



KM4 Alternator Mount for Bharat Forge Ltd, Vehicle Division. Initial Samples Developed and Delivered in 24 Hours

PRODUCT GALLERY



TC6 Dashboard Plates for Bharat
Forge Ltd,
Vehicle Division.



Housing Assembly for PMR Mud Riggers India Pvt Ltd.

PRODUCT GALLERY



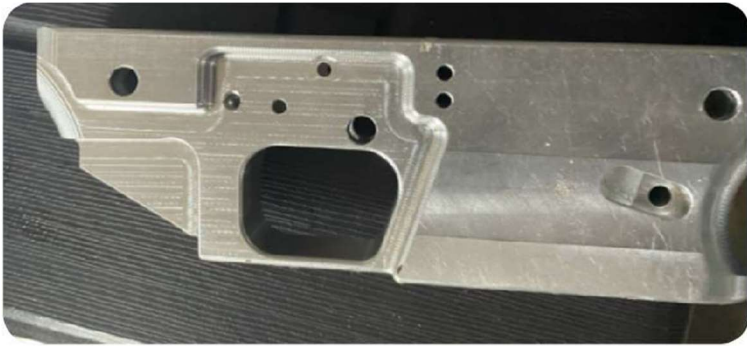
HVLS Mechanical Parts designed, developed for OEM Vends Tech India Pvt Ltd

PRODUCT GALLERY



Aluminum Railing Assemblies developed for Workpact India Solutions LLP. And worked as Third partyfor Rafel

PRODUCT GALLERY



**Housing Assembly and ASR bolts developed and Supplied Successfully for 100 Sets of 45ACP
without single Deviation**

PRODUCT GALLERY



Various components Developed and supplied successfully for PMR India PVT Ltd

PRODUCT GALLERY



Components Developed and Delivered on a very short notice for KM4 Bharat Forge Ltd, Vehicle Division.

PRODUCT GALLERY



Components Developed for Regal industrial Supplier Co Will for Qatar Air Force. With temporary tolling we draw 10mm plate into the Anchor Cup

PRODUCT GALLERY



Components Developed for Regal industrial Supplier Co Will for Qatar Air Force for the US Air Force Base

PRODUCT GALLERY



**Components Developed for Regal industrial Supplier Co Will for Qatar Air Force for the US Air Force Base
Weighing – 250 Kgs each**

PRODUCT GALLERY



Components Developed For RAFEL, in accompany of Workpact India Solutions LLP

PRODUCT GALLERY



**Components Developed For RAFEL, in accompany of Workpact India Solutions LLP
Base Flight Simulator, Muck Up booster and Rotating Guiding Shift Heavy Fabrication and machining
. Concentricity Runout Maintained in 25 Microns.**

PRODUCT GALLERY



Number of various Components for Defence Sector, Developed and Delivered

PRODUCT GALLERY



Number of various Components for Defence Sector, Developed and Delivered

PRODUCT GALLERY



Number of various Components for Defence Sector, Developed and Delivered

PRODUCT GALLERY



**Number of various Components for Defence Sector, Developed and
Delivered**

CONTACT US: -

Balaji Defence Engineering Solutions

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