

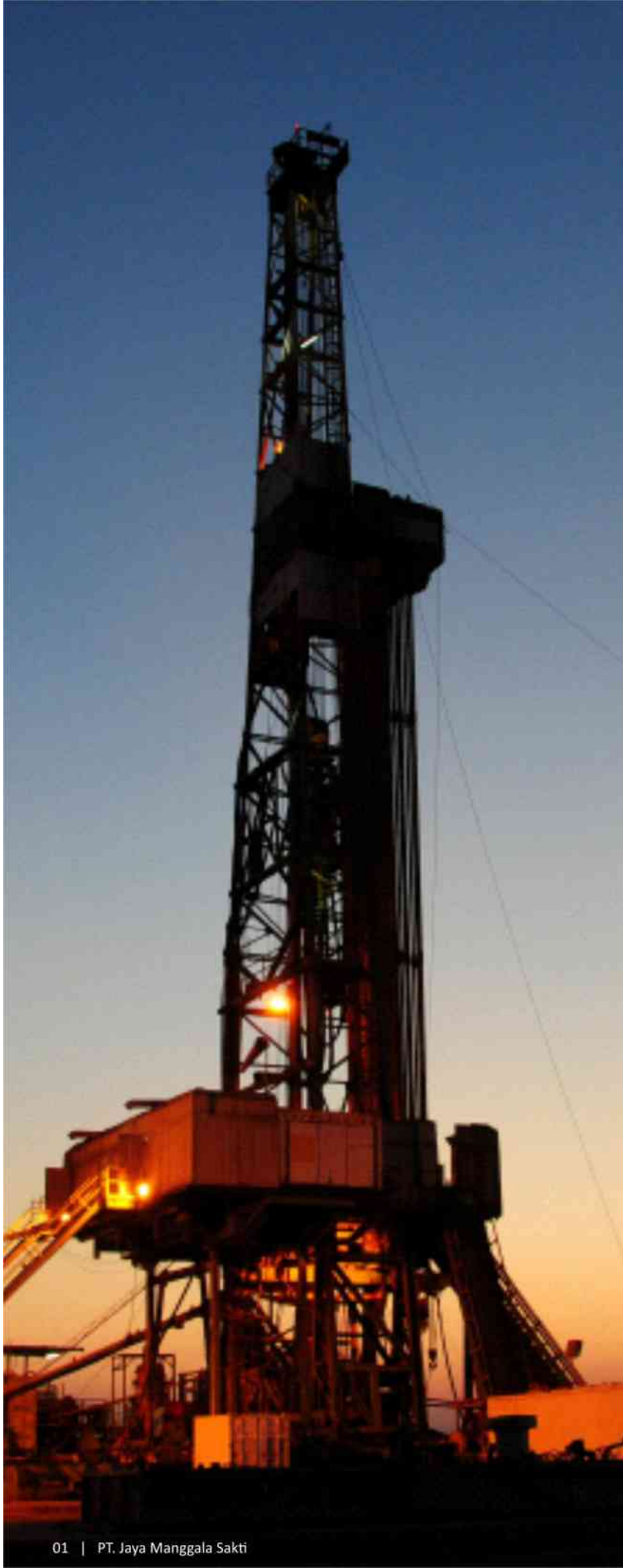


COMPANY PROFILE

PT. JAYA MANGGALA SAKTI



Service For Your Satisfaction



COMPANY HISTORY

PT. Jaya Manggala Sakti was established in 1985 at Balikpapan as a supplier and developed its aim to serve Oil & Gas and Drilling Industry. Over the years, the company has expanded its operations nationally throughout Indonesia and now has its operations in Kariangau Industrial Area KM. 13 Balikpapan, Bontang, Bogor and Duri Sumatera with Balikpapan office as its head office

OUR EXPERTS AND STAFFS

PT. Jaya Manggala Sakti's high standards services have drawn a unique workforce with dedication to build a better company. Currently, the company has employed more than 100 professional staffs over 4 offices in Indonesia.

In order to give best service to our customers, the company has continuously trained its staff on knowledge and skills for their competency and capability.

In addition, a continuing in-house training is also provided as a supplementary to formal education of our engineering and technical staffs. Hard work and devotion have been the hallmark of our staff members

BUSINESS SCOPE

REPAIR and REMANUFACTURE DRILLING EQUIPMENT

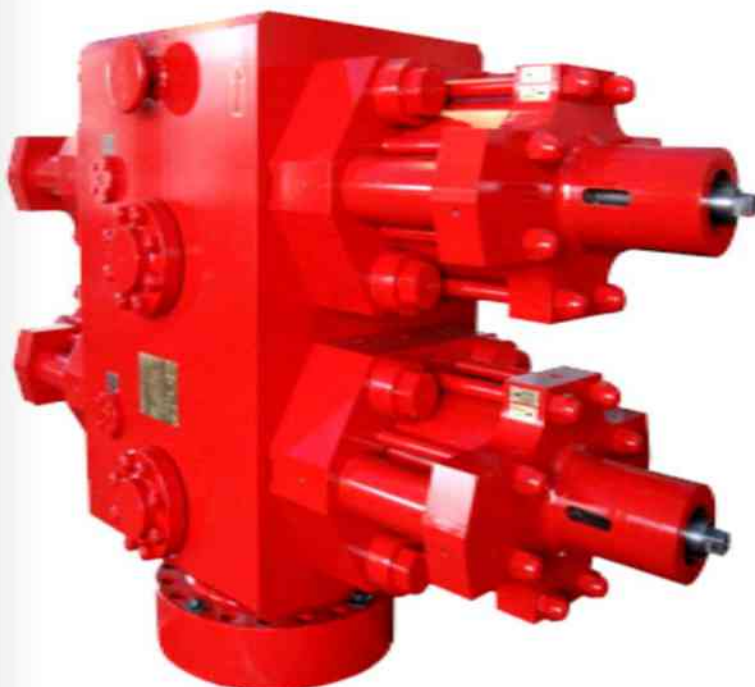
- BOP (Blowout Preventer)
- Drilling Spools
- Adapter
- Valves
- Fluid End
- Cylinder head
- Spindle valve
- Choke Manifold
- Setback (floor)
- Swivel
- Kelly Drive
- Mud Tank
- Draw Works
- Standpipe
- Traveling Block
- Crown Block
- Derrick
- Racking Board
- Stand (of drill pipe)
- Rotary Table
- Drill Floor
- Bell Nipple

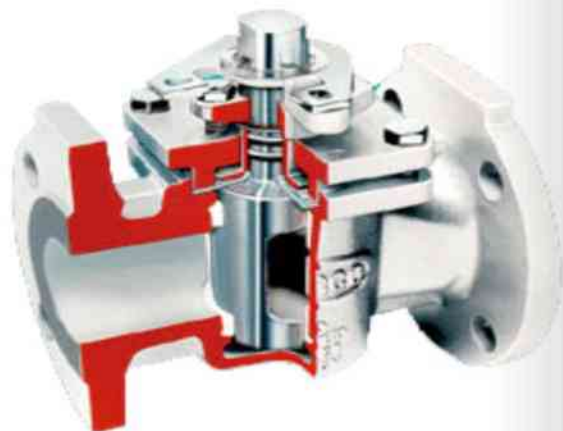
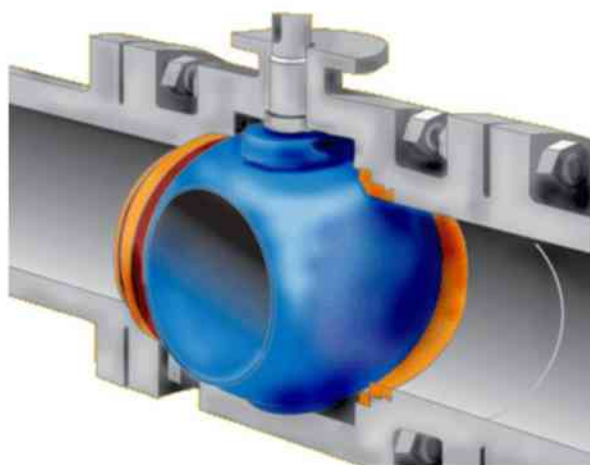
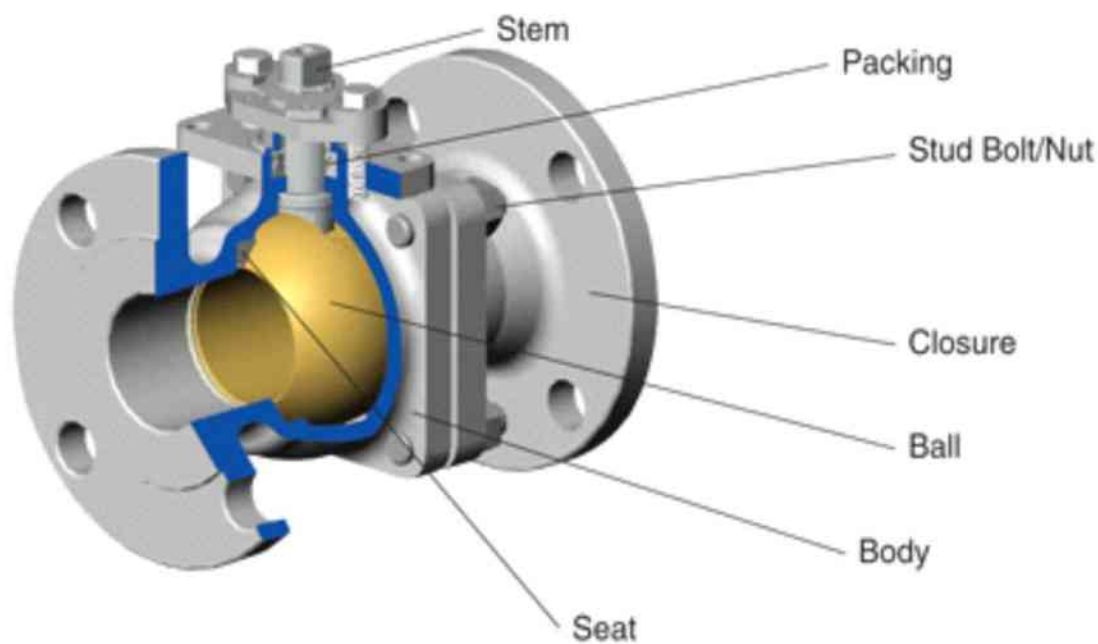
FABRICATION

- Shaft
- Pin (Rig Tools)
- Drilling Spools
- Adapter
- Worm Gear & Pinion Gear
- Blind Flange

MODIFICATION

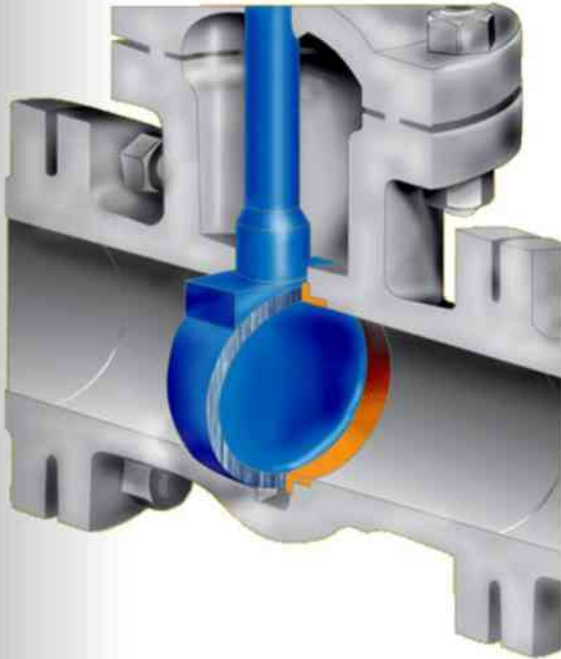
TEST and CERTIFICATION



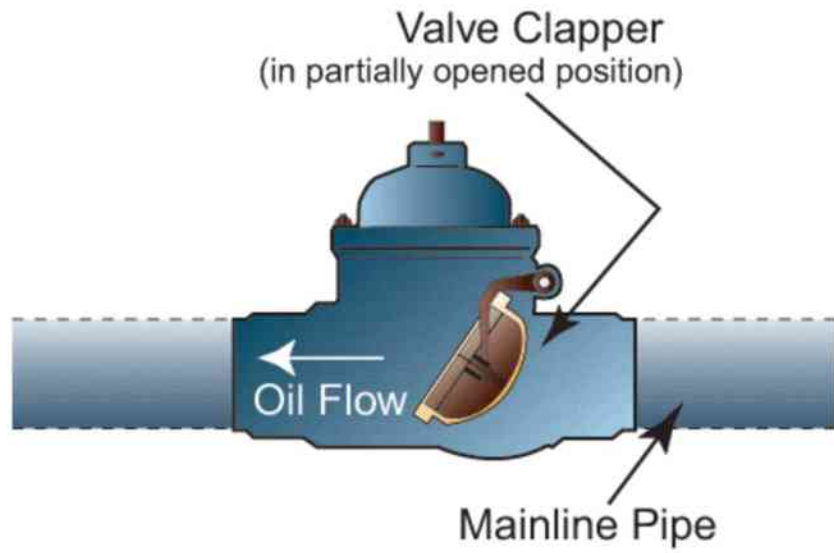


Valve Repair

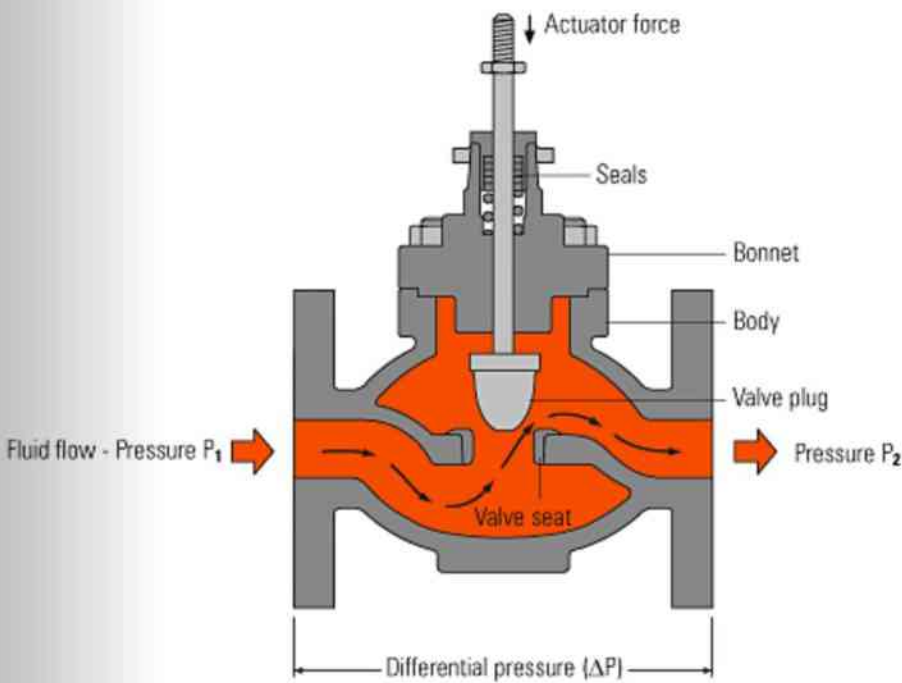
- BALL
- PLUG
- CHECK
- GLOBE
- GATE
- NEEDLE
- DIAPHRAGM
- SAFETY VALVE



GATE



CHECK



GLOBE



BUTTERFLY

FACILITY



UNDER ROOF - STORE



CHROME PLATING FACILITY



WELDING MACHINE



LINE BORING MACHINE



HYDRAULIC TORQUE WRENCH



TORQUE WRENCH



FURNACE & TEMP. RECORDER



UNDERGROUND BUNKER

FACILITY



TEST UNIT C/W HIGH & LOW PRESSURE RECORDER



HARDNESS TEST & MPI EQUIPMENT



MEASURING TOOLS



**OVER HEAD CRANE
CAP. 2,5 TON**



**LIFTING DEVICE
CAP. 2,5 TON**

FACILITY



**LIFTING DEVICE
CAP. 2,5 TON**



**OVERHEAD CRANE
CAP. 5 TON**



**OVERHEAD CRANE
CAP. 10 TON**



HORIZONTAL LATHE MACHINE



LATHE MACHINE



SPIRICAL BALL POLISHING MACHINE



VERTICAL LATHE MACHINE



FACILITY



RADIAL DRILLING MACHINE



DRILLING & MILLING MACHINE



SCRAPP MACHINE



MILING MACHINE



DRILLING & MILLING MACHINE



MILLING MACHINE

FACILITY



DRILLING & MILLING MACHINE



WELDING MACHINE



WELDING MACHINE



LAPPING MACHINE



WELDER RECTIFIER



SAND BLASTING FACILITY

FACILITY



SAND BLASTING FACILITY



AIR COMPRESSOR FACILITY



METAL SPRAY FACILITY



GENERATOR

FACILITY



CONTROL ROOM



LEAK DETECTOR



MEASUREMENT TOOLS



TOOLS



HYDRANT PUMP



**ENERPAC / HYDRAULIC TOOLS
Cap. 10 TONS**

FACILITY



NDT EQUIPMENT

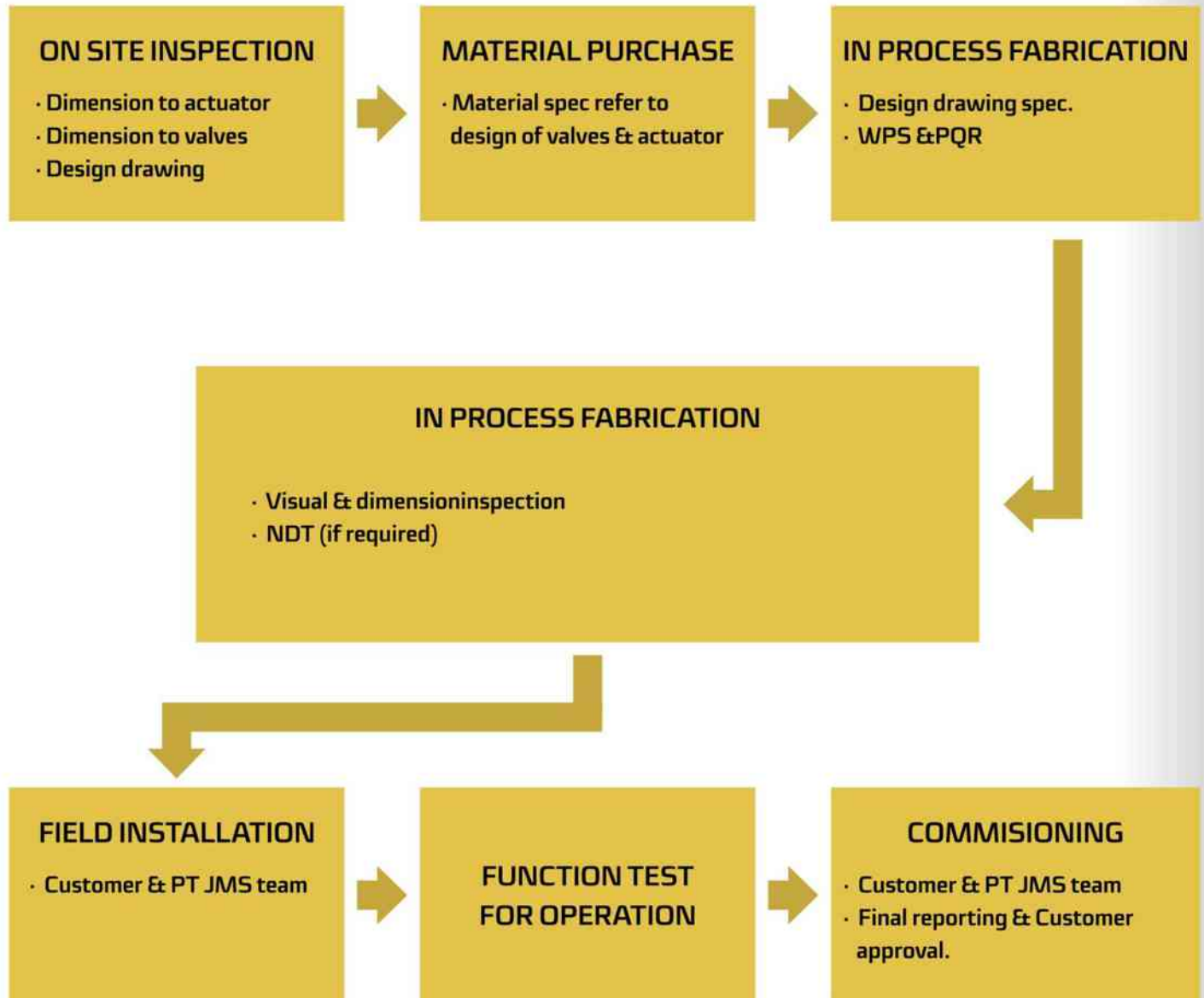


MPI EQUIPMENT



STORAGE VALVE

WORK FLOW CHART MANUFACTURE SPOOL ADAPTOR VALVES TO ACTUATOR/GEAR BOX

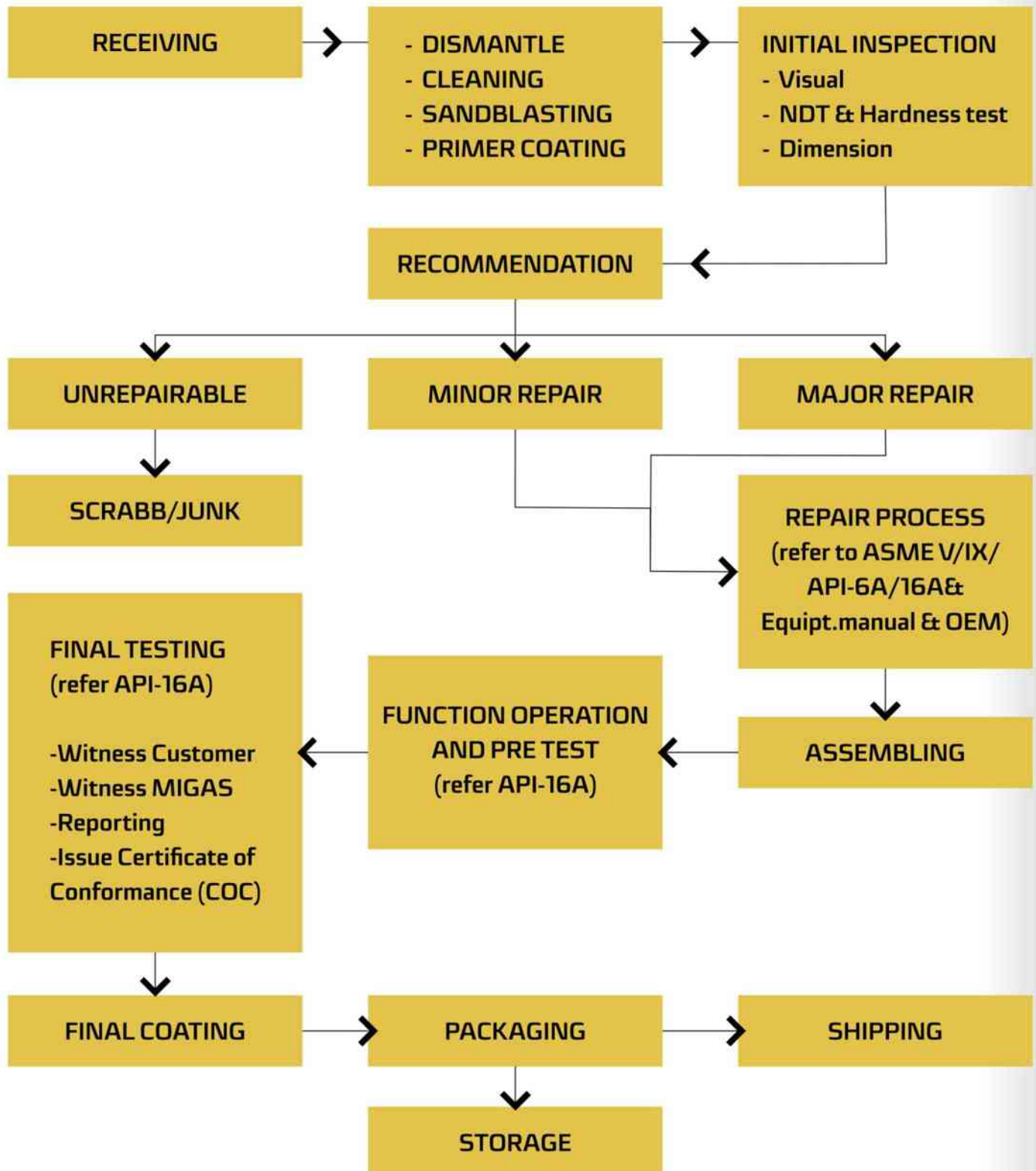


WORK FLOW CHART WORK SHOP MANUFACTURE SPOOL ADAPTOR VALVES TO ACTUATOR





NO.	ACTIVITIES	PICTURE
1.	ON SITE INSPECTION <ul style="list-style-type: none"> - Dimension to actuator - Dimension to valves - Design drawing 	
2.	IN PROCESS FABRICATION <ul style="list-style-type: none"> - Machining - Welding - Painting <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> IN PROCESS INSPECTION <ul style="list-style-type: none"> - Visual inspection - Dimension inspection - NDT (MT/PT) if required </div>	
3.	FIELD INSTALLATION <ul style="list-style-type: none"> - Fit up to valve & actuator - Function operation - Commissioning Customer & PT JMS team. 	






WORK FLOW CHART WORK SHOP

REPAIR/REMANUFACTURE of BLOW OUT PREVENTER (BOP)

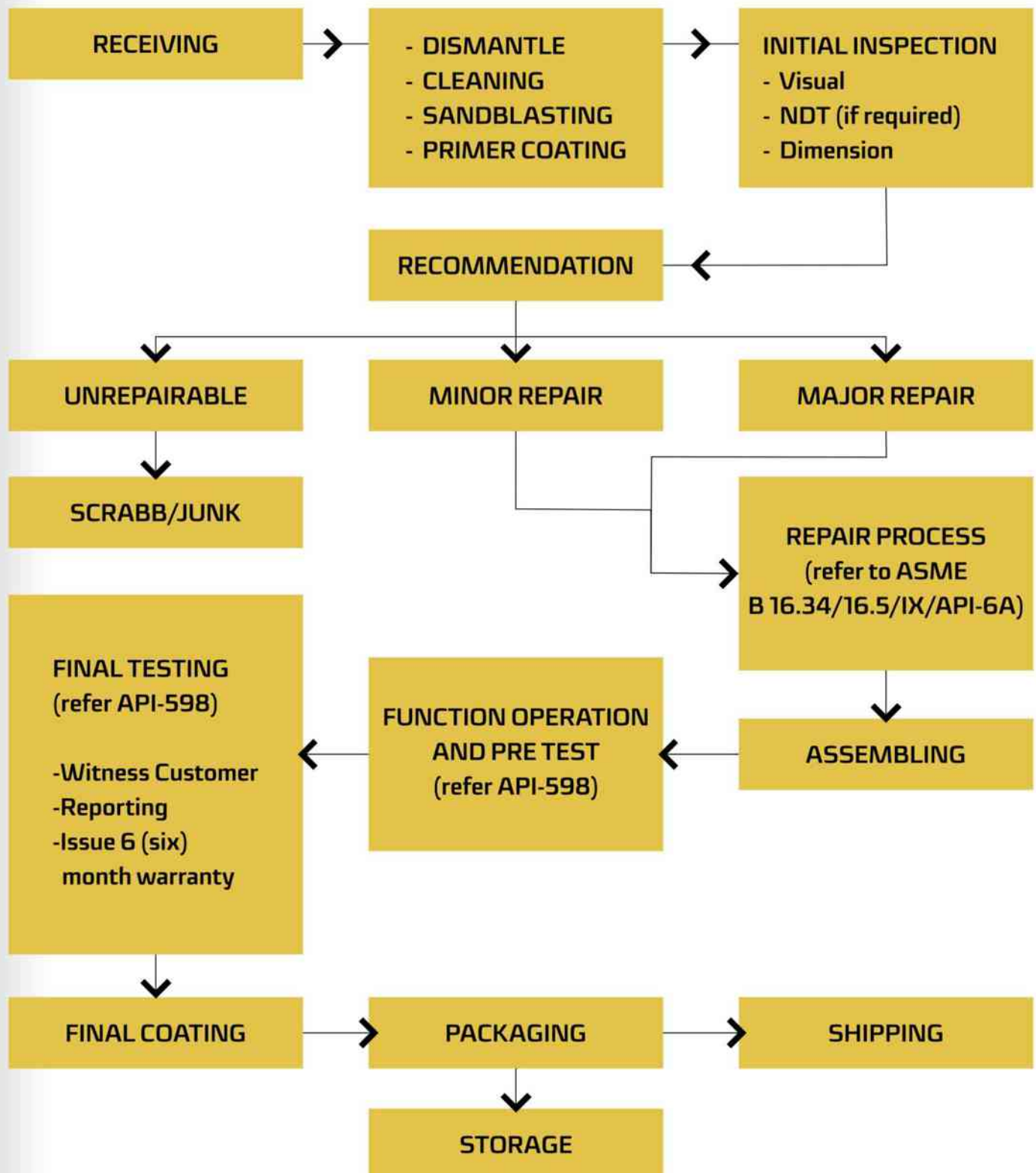


WORK FLOW CHART WORK SHOP REPAIR/REMANUFACTURE of BOP




NO.	ACTIVITIES	PICTURE
1.	Incoming/received material product	
2.	Dismantling	
3.	- Cleaning - Sandblasting & painting	
4.	INITIAL INSPECTION -Visual -Dimension -Hardness tester -Recommendation repair	




NO.	ACTIVITIES	PICTURE
5.	NDT (MT/PT) -Before and after repair	
6.	Dimension Inspection	
7.	Final process repair and prepare to re-assembling <div> -Hardness Tester -Final dimension -NDT </div> <div> -Mechanical seals OEM std </div>	
8.	PRESSURE TEST -Hydraulic function test -Wellbore test -Shell test	
9.	PACKAGING TO SHIPPING	

WORK FLOW CHART WORK SHOP VALVES REPAIR



WORK FLOW CHART WORK SHOP REPAIR/REMANUFACTURE of BALL VALVES

NO.	ACTIVITIES	PICTURE
1.	Incoming/received material product	
2.	Dismantling & Cleaning	
3.	Sandblasting & painting	

NO.	ACTIVITIES	PICTURE
4.	INSPECTION <ul style="list-style-type: none"> - Visual inspection - Dimension - NDT (if required) - Repair recommendation 	
5.	Final process repair and prepare to re-assembling <div data-bbox="245 863 673 1021" style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> Final inspection -Drawing -NDT -Hardness tester </div>	
6.	Pressure test <ul style="list-style-type: none"> - shell test - High pressure close test – test medium water/N2 - Low pressure close test – test medium N2 	

REPAIR & REMANUFACTURE PROCESS FOR BOP



REPAIR & REMANUFACTURE PROCESS

BEFORE

AFTER



ANNULAR BOP



DOUBLE RAM
BOP



PISTON



BODY RAM BOP



RAM SHAFT
BEFORE COATING



REPAIR & REMANUFACTURE PROCESS

BEFORE

AFTER



BODY-RAM
BOP



HYD. LINERS



BODY ANNULAR
BOP





AFTER
MACHINING



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