



Reliable Solution for Valves and Actuation

www.cisa.id

PT. Cipta Solusi Andalan



PT. Cipta Solusi Andalan (CiSA) is a flow solution company who represent Crane ChemPharma-Energy in Indonesia as Sole Agent. Our vision is to build our nation by providing the most reliable flow solution.

Our certifications:

ISO 9001:2015 Quality Management System

ISO 14001:2015 Environment Management System

ISO 45001:2018 Occupational Health & Safety

Brand names owned by Crane and supported by CiSA include:

- Crane
- Xomox
- Stockham
- Flowseal
- Krombach
- Saunders
- Triangle
- Resistoflex
- Centerline
- Alloyco
- Pacific
- Uni-Chek
- Duo-Chek
- DEPA



XOMOX

Saunders



Triangle

RESISTOFLEX®



STOCKHAM

UNI-CHEK®

NOZ-CHEK®

Duo-CHEK®



Our Clients



PT PETROKIMIA GRESIK



PT. SULFINDO ADIUSAMA



Market Segments

- Oil & Gas
- Power Generation
- Geothermal
- Chemical & Petrochemical
- Pulp & Paper
- Fertilizer
- Mining
- General Industry
- Water Treatment & Distribution

Valves Management System

Valves Asset Database/registration

- Building valves database based on P&ID (P&ID drawing confirmed with actual valve on site)
- Building proper valves datasheet
- Providing valve drawings reference

Valves Maintenance

- Regular valves greasing
- Regular exercise
- Valves flanges management (valves bolting, valves-pipes bolting)
- Valves & actuation trouble shooting
- Valves & Actuation Leaking detection (special tools, hydrotest, fugitive emission testing, DNT)

Valves Repair

- Portable onshore trailers and offshore containers
- Valves & Actuation replacement (unbolting – bolting from/to pipes)
- Valves & Actuation investigation (failure analysis, NDT)
- Valves & Actuation repair (valve dismantle, cleaning, inspection, assembly, flange facing repair)
- Valves & Actuation testing (hydrotest, torque test, function test)
- Valves & Actuation painting and coating (blasting, painting)
- Valves back up/spare for repair process (temporary valve, at least 1 piece for each size-type-spec; can be adjust based on valves population)
- Project execution plan
- Valves & Actuation engineering report
- Valves & Actuation repair warranty

Valves Preservation

- Valves & Actuation cover and packing
- Valves & Actuation corrosion prevention

Valves Preventive Maintenance (based on historical data)

- Provide valves prevention maintenance analysis data based on valves historical data

Our Equipments



Detail Equipment List

Brand	Description	Size / Capacity
Lapmaster U.K.	Lapping Machine Automatic	36 inch x 3 Ring
BW Allen	Vertical Lathe	600mm X ø1200mm
Enerpac	Hydraulic Press	10 Tons
Rumania	Lapping Machine Manual	6 inch
Rumania	Lapping Machine Manual	12 inch
Kaoming	Radial Drill	Drilling 66mm
Esab	Welding Set SMAW	90 ~ 300A
Miller	Welding Set MIG	90 ~ 250A
Hobar	Welding Set TIG/SMAW	90 ~ 300A
Yang Iron	Horizontal Lathe 550A A & B	L 1000 x 400mm
Yang Iron	Horizontal Lathe 850A	L 2000 x 600mm
Dahlih	Turret Milling Machine	150mm x 310mm
Horing	Drill press (HD 120 - PF)	25mm
Horing	Drill Press (HD 250 - PF)	16mm
Ford Smith	Bench Grinder	8 inch
Doal	Band Saw	300mm
Sull Air	Air Compressor	30 HP
Swans	Air Compressor	20 HP
Demag	Gantry Crane	5 Tons
Demag	Gantry Crane	3,2 Tons
Demag	Jib Crane	1 Tons
Dunns Valve	Hydrostatic Test Rig Vertical	2 ~ 12 inch
Suzhou JinPeng	Hydraulic Valve Test Bench	2 ~ 12 inch
OEM	Hydrostatic Test Rig Horizontal	1/2 ~ 4 inch
OEM	Portable Hydrostatic Test	2 ~ 40 inch
Hyster	Forklift	3 Tons
~	Pallet Jack	2,5 Tons
OEM	Blind Flanges for Hydrostatic Testing	2 ~ 36 inch
Dong Feng	Mobile Welding Engine	90 ~ 300A
Toyota Dyna	Delivery Truck	3 Tons
OEM	Grit Blasting Enclosure	5m x 4m
OEM	Painting Enclosure	4m x 3m
Various	Painting Equipment	
Various	Workshop equipment, air tools, guages	



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