

REXLINE
ENGINEERING

REXLINE SERVICES



Rexline Engineering offers designing, drafting, fabrication and commissioning capability with in-house manufactures wear, corrosion and bulk material handling products.



INTERCERT
Management Systems
Certification Body



IAB-022
Management Systems
Certification Body



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WEAR PROTECTION LINING

Rexline Engineering Indonesia is globally recognized leader in design, manufacture and installation of Rexline premium wear & corrosion solutions.

REXLINE™ lining rubber is a versatile and durable solution for a wide range of corrosion and wear protection applications. Lining rubber is designed primarily to be applied as a lining to protect your equipment from the damaging effects of abrasion and impact forces or chemical attack.

Rexline Premium Cold Lining Tanks



Rexline Premium Cold Lining Chute



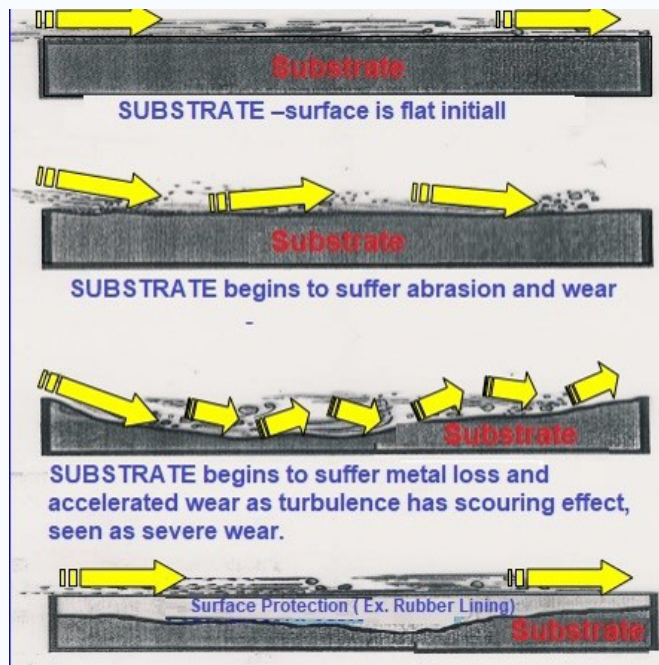
WEAR PROTECTION LINING

Wear & Abrasion

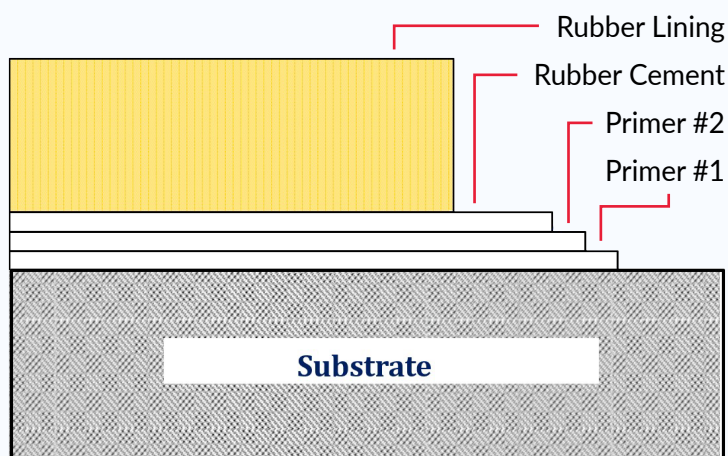
- >> Wear and Abrasion is the process of wearing down or rubbing away by means of friction
- >> Wear and Abrasion can also be found in wet and dry service conditions
- >> Excessive wear and abrasion results in substrate failure

Rubber Lining

Dependable & Long Term Protection For Plant Equipment Against Corrosion And Abrasion.

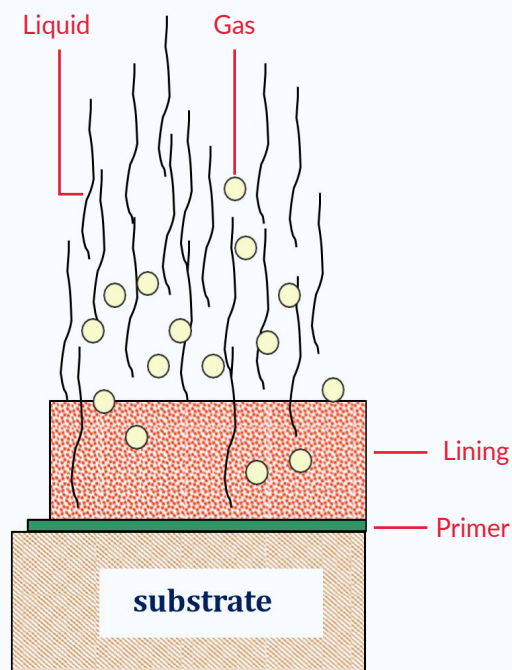


Configuration of Rubber Lining

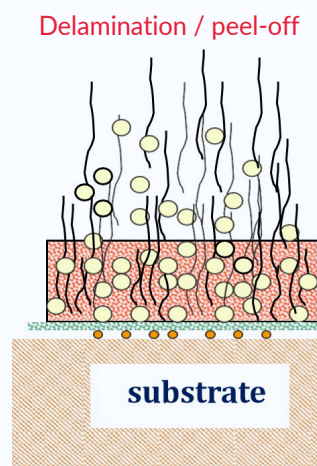


WEAR PROTECTION LINING

Corrosion Protective Lining



A protective layer that delayed the permeability of gas/vapor/liquid reaching the substrate



When vapor/liquid pass the lining layer, it will destroy the primer and causing delamination of lining layer

Specification of Rubber

When selecting rubber lining materials, the following physical properties shall be considered :

- >> Tensile strength >> Density >> Abrasion >> Tear growth resistance
- >> Elongation at break >> Hardness >> Rebound resilience

Sample of Rubber Specification

60 IL Properties	Unit	Typical Value	Test Method	Rexline Premium
Tensile Strength	Kg/cm ²	80	JIS K 6251	255
Elongation	%	300	JIS K 6251	900
Hardness	A type	59±7	JIS K 6253	38±5 Sh A
Bonding Strength	Kg/cm	5	JIS K 6256	32

WEAR PROTECTION LINING

Type of Rubber Lining

Type of Rubber Lining Based on Curing System

- Hot Lining System
- Cold Lining System

Type of Rubber Lining Based on Hardness

- Soft Rubber
- Hard Rubber/ Ebonite Rubber

Most Popular Type Material of Rubber Lining:

1. Natural Rubber

NR has good physical properties such as abrasive, tensile strength, tear strength and elongation break. Other than NR has good chemical resistance.

2. Butyl Rubber

Butyl rubber has Excellent chemical rubber, so butyl rubber suitable for chemical tank and other equipment with high concentration chemical.

3. Chloroprene Rubber

Chloroprene rubber has excellent bonding, so the CR is commonly used for adhesive product. CR suitable for lining sea water equipment because CR has antibacterial sea water.

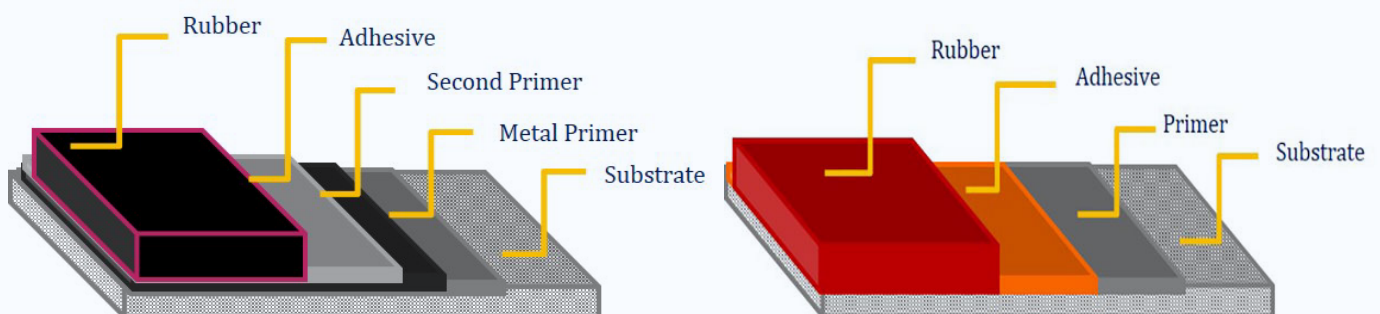
4. Hard Rubber

Hard rubber is widely used as protective lining for highly corrosive substance at elevated temperature.

5. Sand-hard (Soft-hard-soft)

The soft rubber outer layer against abrasion, when chemical permeates the soft rubber layer, it will be stopped by middle layer of hard rubber. The last layer of soft rubber forms a strong bonding to the steel and also can take the thermal expansion of the tank.

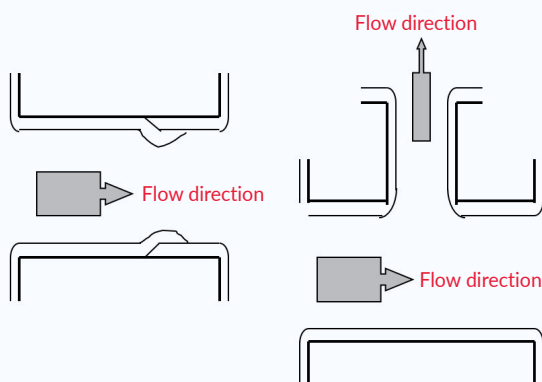
Material & Application



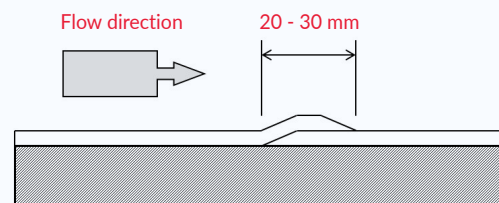
WEAR PROTECTION LINING

Rubber Lining Application

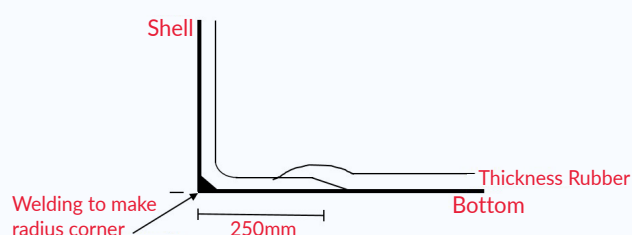
Overlap Shall follow the direction of Flow



Typical joints in rubber lining



Typical joints at bottom corner



Comparison Curing Method

	Hot Lining System	Cold Lining System
PRIMER	Metal Primer Second Primer	Metal Primer
RUBBER	Uncure Rubber	Cured Rubber
CURRING SYSTEM	Autoclave, Exhaust Steam	Lining is cured, no additional curing is required
VISUAL	Visual depend curing, if use exhaust steam possible occur bubble and or rubber compound	Smooth visual
FINISHING	Lot of Finishing job depend after curing	A little finishing job
PRODUCTION TIME	Long Time	Fast Time
REPAIR	Small Area: Grinding, Rubber Pasta Large Area: Cured Rubber, steam block	Grinding , Rubber Pasta
BONDING STRENGTH	Minimum 13 kg/inch, but depend to curing process	Minimum 13 kg inch
OPERATIONAL AFTER LINING	After finishing, equipment can used	Minimum 5 hours after application, equipment can used
SAFETY JOB	When steam process should be cautiously because related with boiler (pressure & heat temperature)	Application with cold lining is very safe
PRICE	Material rubber is more cheaper than Cured rubber, but operational and investment more expensive.	Material rubber expensive, but application and investment more cheaper

WEAR PROTECTION LINING

Production Time

HOT LINING SYSTEM

Activity	Time
Surface Preparation	Based On Standard
Metal Primer	Based On Standard
Second Primer	Depend area
Rubber Lining Application	Based On Standard
Steam	48 – 72 hours with exhaust steam, 4-6 hours with autoclave
Finishing	Depend curing process

COLD LINING SYSTEM

Activity	Time
Surface Preparation	Based On Standard
Metal Primer	Based On Standard
Second Primer	Depend area
Rubber Lining Application	Based On Standard
Steam	48 – 72 hours with exhaust steam, 4-6 hours with autoclave
Finishing	Depend curing process

Rubber Lining Inspection

HUMIDITY Standard

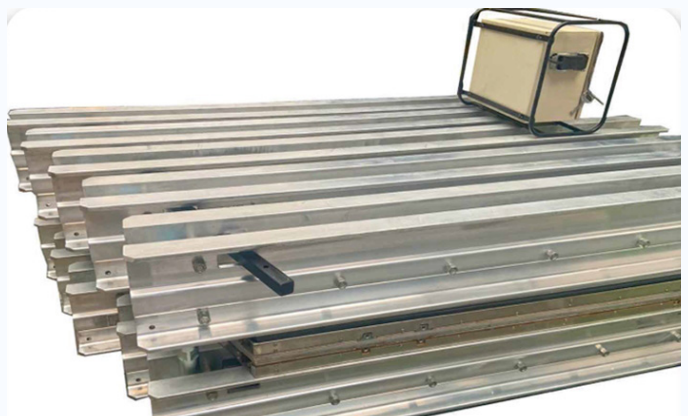
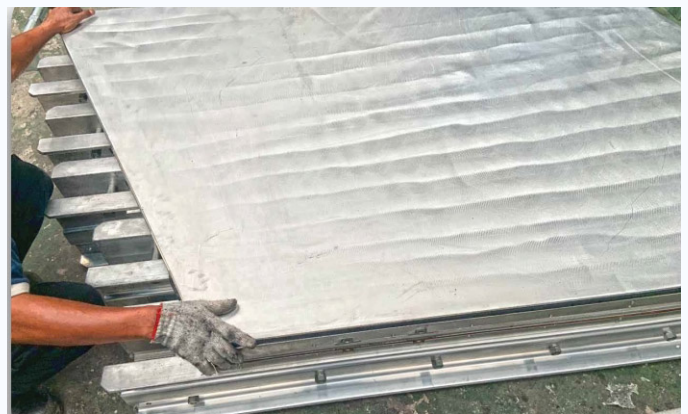
- >> Max RH 85%
- >> Min Diff Dew Point 3°C
- >> The conditions shall be monitored and recorded throughout the application (start from surface preparation till rubber lining application) to maintain bonding quality



BELT SPLICING - JOINING BELT

BELT SPLICING SERVICES

- >> Conveyor Belt Splices are the weakest point in a belt. Hot Splicing of Conveyor Belts provide jointing solutions that last the life of the conveyor belt.
- >> The strength of a splice depends on various factors including, the quality of the rubber materials used, the vulcanizing press and the quality of workmanship.
- >> Rexline Engineering manufactures splicing kits for Fabric and Steel Cord Conveyor Belts suitable for Troughed, Pipe, Cleated and Sidewall Belts.
- >> Our Splicing Kits are manufactured for all specifications of over grades and tensile strengths. For Bucket Elevator Jointing Solutions, please refer to our Rexline Bucket Elevator Brochure.
- >> Splicing Kits consist of all the consumables required to carry out a splice including Uncured Rubber and Vulcanizing Solution. Rexline Splicing kits contain uncured rubber with superior tack. This allows easier assembly resulting in better splices.



BELT SPLICING - JOINING BELT



Splicing kits for Fabric Conveyor Belt

Kits consists of:

- >> Cover Rubber – The uncured rubber is available in most cover grades (OR, FR, CR, HR, SHR & UHR)
- >> Skim Rubber – Provides superior bonding between the fabric piles and the cover rubber
- >> Hot Vulcanizing Solution
- >> Cleaning Solution
- >> Silicone Release Paper

Splicing kits for Steel Cord Conveyor Belt

- >> Top & Bottom cover slabs – Slabs include cover rubber and bonder rubber for all cover grades (OR,FR, CR, HR, SHR & UHR).
- >> Cover slabs provide better bonding with steel cords.
- >> Intercord Strips – These are manufactured to match steel cord spacing and cord diameters.
- >> Hot Vulcanizing Solution
- >> Cleaning Solution
- >> Silicone Release Paper



BELT SPLICING - JOINING BELT

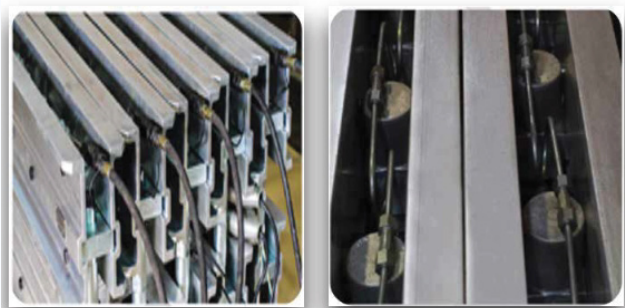
SPLICING & REPAIR MATERIAL

Cold Adhesives

Rexline REXBOND Cold Solution is a two component system used for splicing and repairs of conveyor belts. It provides quick, strong bonding of Rubber-to-Rubber, Rubber-to Fabric and Rubber-to-Metal. Applications include conveyor belt splices and pulley lagging. It is also used for application of wear and corrosion resistance materials like liners for chutes, bunkers, tanks, pipes, etc. Rexline REXBOND provides excellent initial and final bonding strengths with an ideal curing time of 6 hours. Bonding strength is increased when used with products having Rexline Bonding Layer.



Vulcanizing Presses



Rexline Engineering Vulcanizing Presses offer quality equipment designed for trouble-free operation in the harshest conditions. Our presses are easy to set-up and operate. Our presses are built to provide uniform heating and pressure across the entire splice area, with heating up to 180°C and specific pressure up to 14kg/cm². It's quick heating and Integrated Cooling Platens enable short splicing cycles cutting downtime. Presses are designed to be used stand-alone or in combination with other Rexline presses.

Pressure Bag Press



- >> Digital display shows exact temperature reading in each heating plate via PT 100 thermo sensor
- >> Automatic temperature and pressure cut-offs allow users to set and forget.
- >> Optional Splice Recording stores the temperature, pressure vs time graph.
- >> Optional LCD touch screen display or portable device interface.
- >> Electronic controller for quick and simple programming of temperature.
- >> Digital display for set and actual temperatures.
- >> Manual backup in case of electronic controller failure.
- >> Can be provided in three-phase or single phase current

BELT SPLICING - JOINING BELT

Spot Repair Press

Spot Repair Presses offer a portable solution for belt repairs. Its lightweight construction and compact design allow you to repair areas from 300 mm² and higher. Pressure is built up with a motor-driven pump unit or manually with a reciprocating piston hand pump.



Spot Repair Press



Frame Press

Frame Press

Rexline Frame Presses are designed for quick and easy operation. Its two piece frame construction is made of lightweight aluminum and is easily transported and setup. Can be used in combination with multiple Rexline Frame Presses to cure larger splice lengths.



Hydraulic Press

Hydraulic Press

- >> Regulation via thermo-sensor PT 100
- >> Heating plates made of corrosion- resistant aluminum alloy
- >> Designed for Rhombic splices(16° 42'; 22°) or rectangular splices(90°)
- >> Heating plates combined with hydraulic pressure systems allow splicing even on partially worn belts
- >> Optimum pressure and temperature distribution Air and/or water cooling available Robust, flash fitting electrical
- >> Connections guarantee safe operation
- >> Platens are designed to be used in combination or stand alone. This makes the presses easier to maneuver.

CORROSION PROTECTION LINING

AREAS OF EXPERTISE



Rexline Engineering Indonesia is capable of handling various scales of lining and coating work for all project sizes. We ensure that each step of the process is carried out to your specification. Our team takes great pride in quality workmanship, expertise and product knowledge that deliver the essential corrosion prevention needed for long-term asset protection.

Our Capabilities

- >> Rubber Lining
- >> Ceramic Lining
- >> CCO / Ni Hard Lining FRP Lining
- >> Wear Resistant Coating Epoxy Coating Sandblasting
- >> Standard and custom lining and coating applications available
- >> On-Site & In-Workshop application and repairs Internal & External parts of plant equipment, e.g. tanks, pipes, agitators, chutes, diffusers, and many more
- >> Consultation service for surface preparation, corrosion & wear protection and specialty industrial linings & coatings



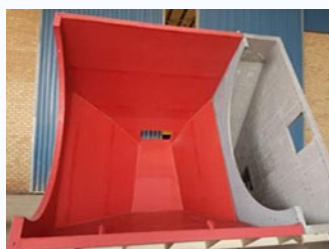
CORROSION PROTECTION LINING

Rubber Lining

Dependable & Long Term Protection for Plant Equipment against Corrosion and Abrasion: **Rexline Hard Rubber, Rexline Soft Rubber, Rexline Chloroprene Rubber, Rexline Butyl Rubber.**

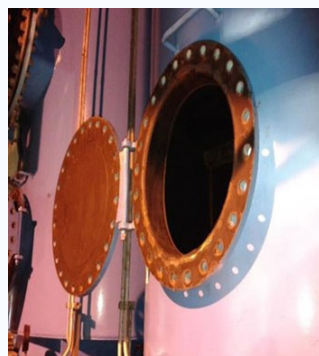
Application

- >> Storage Tanks
- >> Pipes
- >> Bins & Hoppers
- >> Vessels
- >> Heat Exchanger Systems
- >> Scrubbers
- >> Circulation Water Piping
- >> Pumps
- >> Conveyor Discharge Chutes
- >> Condensers
- >> Cyclones
- >> Transportation Lorries
- >> Water Box



**Storage Tank
(Acid or Base Tank)**

**Condensor
& CWP Pipe**



Typical Properties of

	Rexline Hard Rubber	Rexline Soft Rubber	Rexline Chloroprene Rubber	Rexline Butyl Rubber
Chemical Resistant	Excellent	Good	Good	Excellent
Heat Resistant	Good	Fair	Good	Excellent
Weather Resistance	Good	Good	Excellent	Good
Abrasion Resistance	Not Recommended	Excellent	Good	Fair
Vapor Permeability	Excellent	Fair	Good	Excellent

CORROSION PROTECTION LINING

Physical Properties

	Rexline Hard Rubber	Rexline Soft Rubber	Rexline Chloroprene Rubber	Rexline Butyl Rubber
Tensile Strength	15 Mpa	> 10 Mpa	> 10 Mpa	> 10 Mpa
Elongation	> 20%	> 500%	> 500%	> 500%
Specific Gravity	1.30 + 0.02 Gr/cm ³	1.13 + 0.02 Gr/cm ³	1.13 + 0.02 Gr/cm ³	1.13 + 0.02 Gr/cm ³
Hardness	60 – 80 Shore D	55 + 5 Shore A	55 + 5 Shore A	60 + 5 Shore A
Lining Methode	Hot System	Hot & Cold System	Hot & Cold System	Hot & Cold System

Chemical Resistant Charts

Conc %		Rexline Hard Rubber		Rexline Soft Rubber		Rexline Chloroprene Rubber		Rexline Butyl Rubber	
		RT	70o	RT	70o	RT	70o	RT	70o
Hydrochloric Acid (HCl)	10	Good	Good	Good	Good	Fair	Good	Good	70o
Hydrochloric Acid (HCl)	35	Good	Good	Good	Good	–	Good	Good	Fair
Sulphuric Acid (H ₂ SO ₄)	5	Good	Good	Good	Fair	Good	Fair	Good	–
Sulphuric Acid (H ₂ SO ₄)	30	Good	Good	Good	Fair	Good	Fair	Good	Good
Phosphoric Acid (H ₃ PO ₄)	Any	Good	Good	Good	Good	Good	Good	Good	Good
Nitric Acid (HNO ₃)	1	Good	–	Good	–	–	–	Good	Good
Nitric Acid (HNO ₃)	5	Good	–	Good	–	–	–	Good	–
Caustic Soda (NaOH)	40	Good	Good	Good	Fair	Good	Fair	Good	–
Caustic Potash (KOH)	25	Good	Good	Good	Good	Good	Good	Good	Good
Calcium Chloride (CaCl ₂)	Any	Good	Good	Good	Good	Good	Good	Good	Good
Sodium Hypo Chloride (NaClO)	Any	Good	Good	Fair	Fair	–	Fair	Good	Good
Sea Water	Any	Good	Good	Good	Good	Excellent	Good	Good	Fair

CORROSION PROTECTION LINING

Inspection

Our highly trained technicians conduct strict inspections and produce detailed report to maintain consistent quality.

Surface Preparation Inspection



Environmental Condition Test

Standard: BS 6374 Part 5

Recommended:

- Steel Temperature: 10-40°C
- Relative Humidity : max 80%
- Dew Point : > 4°C



Surface cleanliness Test

Standard: SSPC SP-10 / ISO Sa 2.5

Nace 2



Surface Roughness Test

Standard: ISO 8503

Recommended Profile: 50-75µm

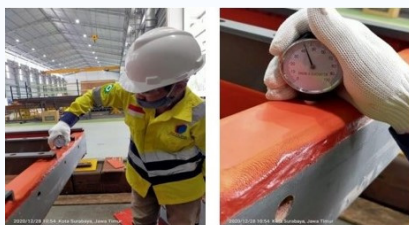
Final Inspection for Lining & Coating



Thickness Test

Standard: BS 6374 Part 5

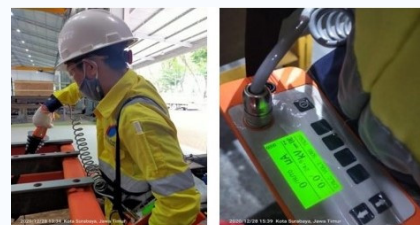
The thickness is measured to ensure it is within the tolerance.



Hardness Test

Standard: ASTM D 2240

The thickness is measured to ensure it is within the tolerance.



Hardness Test

Standard: BS 6374 Part 5

The entire lining area is checked to ensure there are no leaks.

CORROSION PROTECTION LINING

REXBOND ADHESIVE

Rexline Engineering is one of the largest Adhesives and Chemical manufacturer globally. We are able to offer clients a full range of Chemicals from primers to adhesives.

Our RexBond Rubber Cement has been specially formulated and engineered to offer secure bonding to any substrate. RexBond Rubber Cement is becoming a fast growing industry name due its long tack time which makes for easy application for rubber lining applicators.

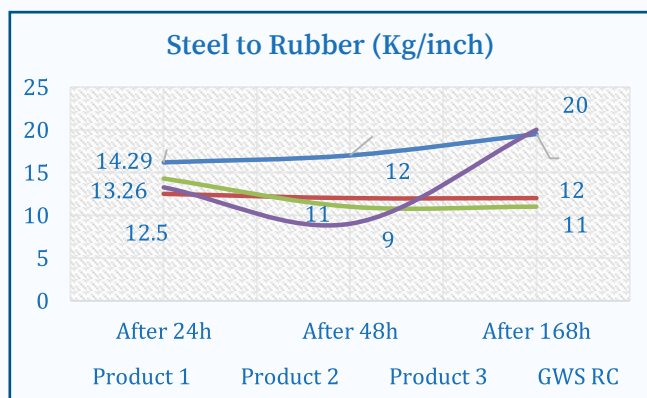
REXBOND Rubber Cement

- >> REXBOND Rubber Cement is a 2 Part Component Adhesive with REX-HARDENER re- curing agent.
- >> REXBOND RC offers a high initial grab, heat resistance and good open time.
- >> REXBOND RC has been specially formulated and engineered to bond rubber to rubber and rubber to metal in mining applications.

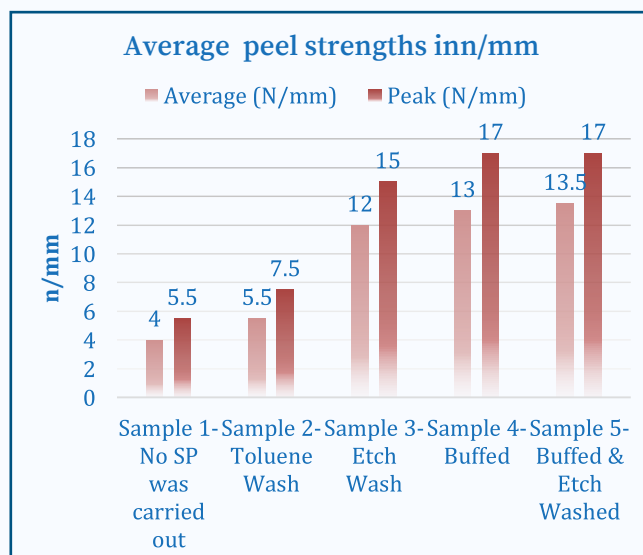
RX2000 Adhesive for Belt Splicing RX4000 Adhesive for Rubber Lining



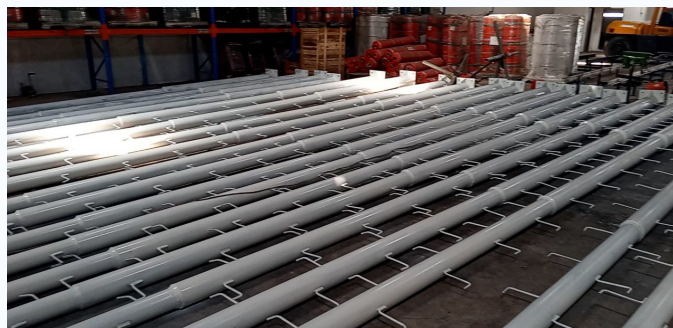
Bonding strength comparison with premium competitor



Bonding strength comparison against different surface preparation



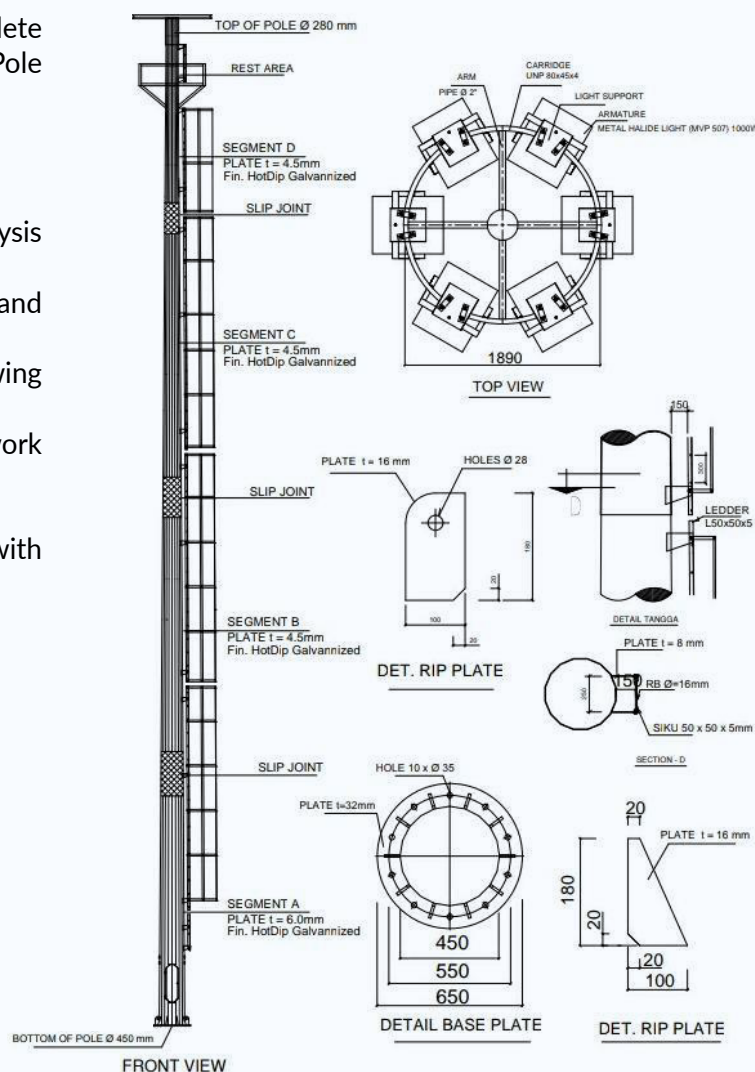
FABRICATION & ERECTION CCTV POLE SYSTEM



PT. Rexline Engineering Indonesia complete designing, fabrication, and erection CCTV Pole System in Samarinda.

Scope of work and supply:

1. Apply complete 3D Design and Survey Analysis on site before project
2. Supply all materials including CCTV set and electrical
3. Fabrication of pole accordingly to the drawing approved by customer
4. Provide 1 special team for the intended work during the work carried out
5. Work in Remote area
6. Engineering division for check & discussion with related division too
7. All scope include shipping of material



OPERATION AND MAINTENANCE

Operation and Maintenance of Material Handling System Based on Output Tonnage

Material Handling System maintenance covers such as and not limited to inspection maintenance, repair or replacement of various components pertaining to:

- >> Feeder Breaker
- >> Belt Conveyor
- >> Driver system (Gear Box & Motors)
- >> Idlers
- >> Pulleys
- >> Transfer Points
- >> Chutes
- >> Mis tracking/ Training Rollers
- >> Belt Cleaners
- >> Secondary Crusher, Hopper and Screen condition
- >> Feeding hoppers including repair / replacement of grizzly, wingwalls, etc as and when required
- >> Gate hoppers



Core Activity for Operation and Mechanical Maintenance :

- >> Visual Check-up, Sound and temperature and also provide marking on equipment that has been indicated to be damaged.
- >> Guard all necessary equipment and machines needed in belt conveyor maintenance.
- >> Conduct routine inspection to all belt conveyor facilities covered in the scope of belt conveyor maintenance work, provide reports and recommendations.
- >> Conduct routine inspection, reports and analysis for rollers and conduct roller replacement work if found an improper condition which includes carry roller, return roller, impact roller, transition roller and their frames or part of roller related with the roller types.
- >> Conduct routine inspection reports and analysis on belt joint failure, belt misalignment. Also, conduct training roller replacement and repair work required to up-keep belt conveyor alignment.
- >> Conduct routine inspection/replacement on pulley including bearing, seal, oil temperature Plummer Blocks, lagging condition and provide reports, analysis and also take preventive actions to upkeep pulley performance.



OPERATION AND MAINTENANCE

- >> Conduct daily inspection, reports and analysis for Rubber skirt, Skirt boards and its supporting structure and conduct rubber skirt, skirt boards and its supporting structure repair/ replacement work
- >> Conduct daily inspection, monitoring and welding repairs jobs on transfer point, deflector pints and loading point (open hoppers) on Belt, replacement of grizzly make reports and recommendation on repair and modification condition required.
- >> Conduct daily inspection and monitoring on Belt Cleaner and also conduct preventive and corrective maintenance to up-keep Belt Cleaner Performance
- >> Conduct daily inspection monitoring and welding repair on open hopper and chute and provide recommendations on required actions.
- >> Conduct daily inspection monitoring and welding repair on Gate hoppers and provide a recommendation on required actions.
- >> Conduct daily inspection, reports and analysis for Crusher, Hopper, Chute and conduct monitoring on crusher operation and conduct investigation in case there is trouble and provide its solution.
- >> Conduct daily inspection, reports and analysis for feeder Breaker, Hopper, chute, Chain, Flight Bars, Crusher Roll & Picks, Motor, Planetary Gear Boxes, drive and tail Assemblies and V belts, and conduct investigation in case there is a trouble and provide its solution.
- >> Conduct weekly inspection, repots and analysis for Driver system including Drive System cleaning of the possibility of contaminated by washed, material, sound, and temperature monitoring.
- >> Conduct weekly inspection, report and analysis on temperature and lubricant lists as outlined in the daily inspection list prepared by the maintenance team.
- >> Maintaining the history of breakdown and subsequently analysing the root cause of the breakdown to prevent the re-occurrence of similar breakdown in the future.



OPERATION AND MAINTENANCE

Electrical & Power Generation System Based on Output Tonnage



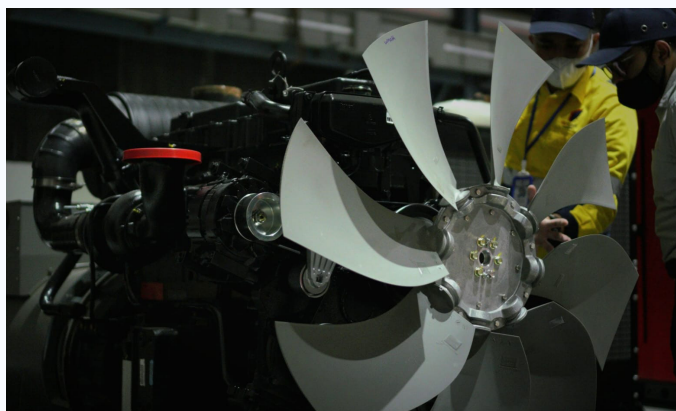
- >> Operation and general Maintenance if Diesel Generators.
- >> General Maintenance of Diesel Generator installed at Water Supply Scheme.
- >> General Maintenance if mobile light towers.
- >> Provide preventive maintenance, major works of the Generator system, Power Control Systems and Main Control Systems of Conveyors (MCC) in Powerhouse Three, Powerhouse One, and other Places.
- >> Maintain a logbook to record the operation and breakdown data.
- >> Maintaining the history of breakdown and subsequently analysing the root cause of the break down to prevent the re-occurrence of similar break down in the future.
- >> Maintenance of the generator system includes maintenance of engine, alternator, and troubleshooting of various control systems.
- >> Maintaining of the electrical motors fixed on various conveying systems including their control units. All the electrical connections up to the PCC's and MCC's and downstream electrical systems up to local control stations, motors, and filed monitoring cameras.
- >> Maintenance of lighting near each powerhouse and conveyor lighting is included in the contractor scope. To carry out maintenance of all the general electrical installation in the premises of the client site which
- >> includes and not limited to
General wiring & lighting installation.
- >> Replacement of internal lighting in the workshops, store, offices, colony, Fuel Tank areas, Jetty area, Jetty
- >> mess accommodation, Water treatment plant & pit area satellite offices.
- Yard Lighting at Workshops, Stores, offices, colony, Fuels tank area, Jetty area, Jetty mess accommodation
- >> & Water Treatment Plant

OPERATION AND MAINTENANCE

Electrical & Power Generation System Based on Output Tonnage



- >> Replacement/Repair Solar Streetlamps
- >> Replacement/Repair of control units/panels
- >> Replacement/Repair of Geasers/Fans etc.
- >> Power supply to CC cameras installed at various locations
- >> Power supply to compressors, welding machines, or any other electrically operated devices.
- >> To install the power supply to any new installation as directed by the client.
- >> To co-ordinate with local PLN authorities on the issues related to power supplies from PLN.
- >> To monitor daily power supplies from PLN and maintain the control units at the PLN substation.
- >> To carry out maintenance and operation work in consultation with the owner's Electrical Site Manager.
- >> The site Co-Ordinator will report to the Owner's Electrical site Manager on a daily basis duly submitting damage reports if any of the components in the system which require replacement.
- >> To make the planning of preventive maintenance in consultation with the Owner's Electrical Site Manager
- Maintenance Schedule and maintenance works shall be according to the Owner's Instruction.
- >> Top overhauling & Semi Overhaul of the generators.



OPERATION AND MAINTENANCE

Operation and Maintenance of Pump



Rexline Engineering Indonesia has best quality of the pumps and it is running in outside condition. With the service contract, our experienced service technicians under the works of pump and system maintenance.

Benefits:

1. Optimized and reliable operations and repair services
2. Energy efficient
3. Cost Efficient
4. Time Efficient
6. Predictive Maintenance
7. Corrective Installation
8. Reduced Downtime
9. Engineering consulting Support and Quick response for Emergency Services

We make sure the pumping systems functioning efficiently and schedule our technicians to visit for preventive maintenance check. Rexline Engineering Indonesia has capabilities to provide a wide range of services including reconditioning, repair and modification and consulting.

Repair and maintenance service includes:

- >> On-site Repair by Certified Technicians
- >> Specifically Examine the condition of the pump including its impeller, seals, valves, and volute.
- >> Assess the condition of pipe work for wear or damage
- >> Shaft Alignments
- >> Impellor Balancing
- >> Overall Pump Vibration
- >> Ensure sump and floats are clean
- >> Pump Upgrade Recommendations
- >> Re-Blowing Program
- >> Maintenance Training

OPERATION AND MAINTENANCE

Operation and Maintenance of Weighbridge



Two levels of weighbridge maintenance should be considered to form part of the regular maintenance plan.

Basic Routine Maintenance

Weighbridge maintenance should take place as part of a daily /weekly routine depending on the type of site. The build-up of debris and water should be monitored and obstructions should be removed from beneath the bridge to provide clearance between the weighbridge and the ground.

- >> Pit weighbridges should be checked to make sure clearances are clean and the correct gap between the deck and pit wall are in place.
- >> 'T' section rubber can be used to help maintain gaps and should be replaced if worn or damaged.
- >> Regular end-middle-end tests should be carried out to review the accuracy of the scale. This basic cleaning and maintenance can be carried out by a site foreman or weighbridge operative.



Technical Support

We have locally based technical support, well equipped to provide flexible and complete solution with an understanding of your equipment and the situation in which you operate.

OPERATION AND MAINTENANCE

Vibrating Screen Maintenance



OPERATION AND MAINTENANCE

Service and Support

Refurbishment & Overhaul

Regular refurbishment and overhaul of system components such as pulleys, idlers, gearboxes, conveyor drivers and hydraulic systems are sustainable measures to ensure conveyors have maximum availability and prolonged life.

Our service is not limited to refurbishment to Rexline Conveyors products, we regularly overhaul equipment manufactured by others at a fraction of the replacement cost.

Conveyor Construction, Installation & Commissioning

Rexline Engineering Indonesia offers full turnkey system packages complete with project management and site installation along with supervision services for installation and commissioning.



Asset Optimization

Rexline Engineering Indonesia Understands the importance of plant efficiency, especially in a mining environment. With facilities conveniently located in close to mining regions, our terms of experienced professionals are available to deliver prompt, efficient and reliable service to the world's largest mining companies.

Lifecycle Management

Rexline Engineering Indonesia has built understanding and experience with regard to the lifecycle requirements of a conveyor system. With proven industry experience, Rexline Engineering Indonesia Works closely with clients to achieve customized solutions.



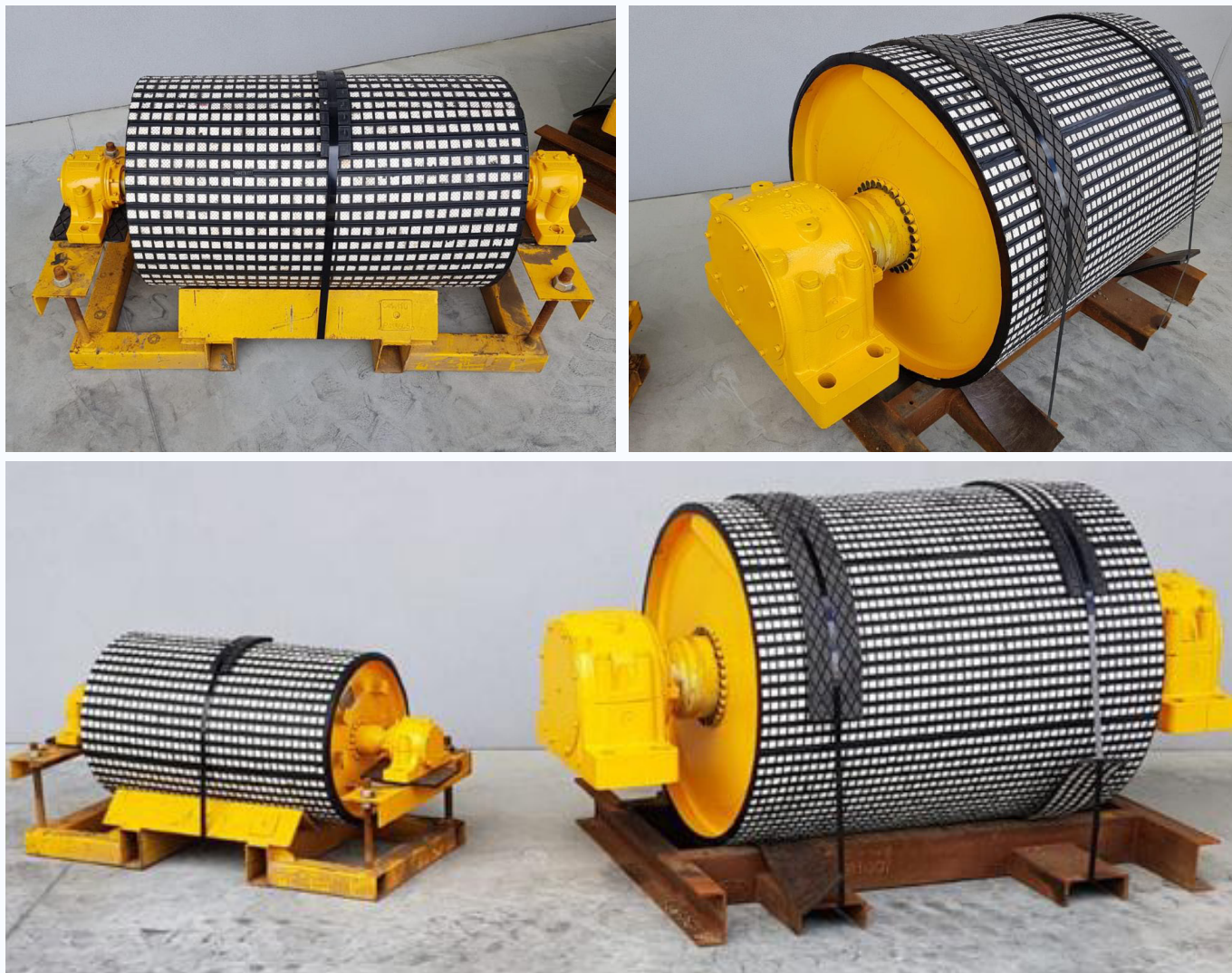
OPERATION AND MAINTENANCE

Roller Crusher Change Out and Maintenance



OPERATION AND MAINTENANCE

Pulley Refurbishment



Rexline Engineering Indonesia refurbished pulleys protect you by supplying fully engineered pulleys that are remanufactured to genuine OEM standards:

- >> Precise design and weld quality, using only high-grade certified shell and end disc materials
- >> Precision fabrication results in balanced, vibration-free pulleys
- >> The end disk is designed for the application, taking into account the key design, required weld profile and overall shell rigidity
- >> High quality fit & finish on drilled holes and shaft journals to prevent creep and fretting corrosion
- >> Assembly takes place in a dedicated assembly room where the risk of contamination can be controlled
- >> We only deal with reputable suppliers and OEMs, and work with them to eliminate the risk of using counterfeit components

We are familiar with the evolving needs of our customers, and we stand ready to provide a complete range of options for your pulleys.

OPERATION AND MAINTENANCE

Pulley Refurbishment



Pulley Vibration Acceptance Testing

Rexline Engineering Indonesia maintains a comprehensive line of state-of-the-art Pulley Vibration Acceptance testing equipment, giving mining companies peace of mind knowing that their pulleys have been tested to OEM standards.

ISO CERTIFICATES



CERTIFICATE OF REGISTRATION

INTERCERT QA hereby certifies that Environmental Management System of

PT REXLINE ENGINEERING INDONESIA

Jl. Margomulyo 46 Pergudangan Margomulyo Angtropolis H9,
Kel. Tambak Sarioso, Kec. Asem Rowo, Kota Surabaya,
Prov. Jawa Timur, Indonesia

Has been successfully assessed as per the requirements of

ISO 14001:2015

For the scope of

**Engineering Procurement Construction Management (EPCM)
for Conveyor Systems**

Initial Certification Date	:	15-03-2022
Certificate Issue Date	:	15-03-2022
Surveillance Validity Date	:	14-03-2023
Recertification Date	:	14-03-2025

Registration Number : IC-EM-3819196



Issued on behalf of InterCert QA
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The validity of this certificate can be verified at www.intercert.us or through email at info@intercert.us.
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ISO CERTIFICATES



CERTIFICATE OF REGISTRATION

INTERCERT QA hereby certifies that Quality Management System of

PT REXLINE ENGINEERING INDONESIA

Jl. Margomulyo 46 Pergudangan Margomulyo Angtropolis H9,
Kel. Tambak Sarioso, Kec. Asem Rowo, Kota Surabaya,
Prov. Jawa Timur, Indonesia

Has been successfully assessed as per the requirements of

ISO 9001:2015

For the scope of

**Engineering Procurement Construction Management (EPCM)
for Conveyor Systems**

Initial Certification Date	: 15-03-2022
Certificate Issue Date	: 15-03-2022
Surveillance Validity Date	: 14-03-2023
Recertification Date	: 14-03-2025

Registration Number : IC-QM-3819195





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ISO CERTIFICATES



CERTIFICATE OF REGISTRATION

INTERCERT QA hereby certifies that Occupational Health & Safety Management System of

PT REXLINE ENGINEERING INDONESIA

Jl. Margomulyo 46 Pergudangan Margomulyo Angtropolis H9,
Kel. Tambak Sarioso, Kec. Asem Rowo, Kota Surabaya,
Prov. Jawa Timur, Indonesia

Has been successfully assessed as per the requirements of

ISO 45001:2018

For the scope of

**Engineering Procurement Construction Management (EPCM)
for Conveyor Systems**

Initial Certification Date	:	15-03-2022
Certificate Issue Date	:	15-03-2022
Surveillance Validity Date	:	14-03-2023
Recertification Date	:	14-03-2025

Registration Number : IC-OH-3819197





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INTERCERT IAB-022
Management Systems
Certification Body

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CONSTRUCTION LICENSE



PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA SERTIFIKAT BADAN USAHA (SBU) KONSTRUKSI PB-UMKU: 912050371157200080001

Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB-UMKU), yang merupakan Sertifikat Badan Usaha (SBU) konstruksi kepada Pelaku Usaha berikut ini:

- | | |
|---|--|
| 1. Nama Pelaku Usaha | : PT REXLINE ENGINEERING INDONESIA |
| 2. Nomor Induk Berusaha (NIB) | : 9120503711572 |
| 3. Alamat Kantor | : JL.MARGOMULYO 46 PERGUDANGAN MARGOMULYO
ANGTROPOLIS H9, Desa/Kelurahan Tambak Sarioso, Kec. Asem Rowo,
Kota Surabaya, Provinsi Jawa Timur
Kode Pos: 60183 |
| 4. Status Penanaman Modal | : Penanaman Modal Asing (PMA) |
| 5. Kode Klasifikasi Baku Lapangan Usaha | : 41011 - Konstruksi Gedung Hunian
Indonesia (KBLI) |
| 6. Lokasi Usaha | : JL MARGOMULYO 46 PERGUDANGAN MARGOMULYO
ANGTROPOLIS BLOK H9 Desa/Kelurahan Tambak Sarioso, Kec. Asem
Rowo, Kota Surabaya, Provinsi Jawa Timur
Kode Pos: 60813 |

Telah memenuhi persyaratan:

1. Standar Penetapan Kemampuan Badan Usaha Jasa Konstruksi (Pekerjaan Konstruksi dan/atau Pekerjaan Konstruksi Terintegrasi)
2. Standar Penetapan Kemampuan Badan Usaha Jasa Konstruksi (Jasa Konsultansi Konstruksi)

Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan perundang-undangan yang berlaku.

Diterbitkan tanggal: 18 Januari 2023

a.n. Menteri Pekerjaan Umum dan Perumahan Rakyat
Menteri Investasi/
Kepala Badan Koordinasi Penanaman Modal,



Ditandatangani secara elektronik

Dicetak tanggal: 18 Januari 2023

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekeliruan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSI-E-BSSN.
4. Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



CONSTRUCTION LICENSE



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT BADAN USAHA (SBU) KONSTRUKSI
LAMPIRAN
PB-UMKU: 912050371157200080001

Lampiran berikut memuat data teknis Sertifikat Badan Usaha (SBU) konstruksi sebagai berikut:

Berdasarkan Undang-undang Nomor 2 Tahun 2017 tentang Jasa Konstruksi sebagaimana telah diubah dengan Undang-undang Nomor 11 Tahun 2020 tentang Cipta Kerja dan peraturan turunannya, dengan ini Lembaga Pengembangan Jasa Konstruksi (LPJK) menetapkan bahwa PT. REXLINE ENGINEERING INDONESIA:

Asosiasi yang diikuti : HIPSINDO
Nama PJB : MOKHAMAD RIZAL SHOLFIYAH
Nama PJTBU : LA DONO, S.T / 1.2.201.2.193.04.1947641
Nama PJTBU 2 : --
E-mail : engineeringrexline@gmail.com
NPWP : 921654638411000
Jenis Usaha : Pekerjaan Konstruksi
Nomor Registrasi LPJK : F.1.01.BG.K.10.2023.0027476
Ditetapkan tanggal : 2023-01-18
Masa Berlaku s.d. : 2026-01-17

Ditetapkan sebagai Badan Usaha Jasa Konstruksi dengan kemampuan, rincian kualifikasi & subklasifikasi dan status pemenuhan kewajiban sebagaimana tercantum pada halaman berikut yang merupakan bagian tidak terpisahkan dengan lampiran ini.



Keterangan:

Informasi umum, data teknis, rincian kualifikasi dan subklasifikasi serta status pemenuhan kewajiban pelaku usaha yang tercatat pada website LPJK juga dapat dilihat pada QRCode berikut, dan dapat diverifikasi menggunakan Aplikasi Jakontrust.

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekeliruan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSR-BSSN.
4. Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.



Balai
Sertifikasi
Elektronik



We Are Ready For Any Challenges
CONNECT WITH US

Head Office and Workshop

Jl. Margomulyo 46
Pergudangan Margomulyo Angtropolis H9
Kel. Greges, Kec. Asemrowo
Surabaya, Jawa Timur 60183

Branch Office

Ruko BIZHUB SERPONG BLOK RC NO 16
Jl. Raya Serpong, Gunung Sindur, Pabuaran,
Kec. Gn. Sindur, Kabupaten Bogor, Jawa Barat

Heavy Fabrication

KM10 Jalan Raya Mantub,
Dsn. Takeranklanting Ds. Takeranklanting,
Kec. Tikung, Lamongan
Jawa Timur 62280

Site Office

Jalan Kolonel Untung Suropati Nomor 69, Sungai Lunuk,
Kec. Tanah Siang, Kabupaten Murung Raya,
Kalimantan Tengah 73911

Call Us for more information :

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