



RED ENERGY SDN BHD (99405-H)

No. 22, Jalan Anggerik Mokara 31/59, Seksyen 31,

Kawasan Perindustrian Kota Kemuning,

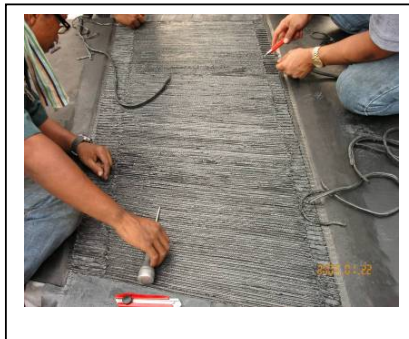
40460 Shah Alam, Selangor, Malaysia.

TEL : + 603 5122 8881, FAX : + 603 5122 9991

WEBSITE: www.redenergy.com.my

E-MAIL: admin@redenergy.com.my

RED ENERGY



**WE PROVIDE QUALITY
BELT SERVICES**



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BELT SERVICES PROFILE

Red Energy Sdn Bhd

Red Energy is the solution provider to the Malaysian cement industry for conveyor system, power transmission drives, castables and plant equipment. For the Conveyor System department, we are the sole representatives of Bridgestone and Nilos products. Being the largest conveyor belt maintenance company in Malaysia, we provide services such as splicing for fabric, steel cord and pipe conveyor belts; installation; routine maintenance; professional plant audits; etc

WE SUPPLY TO OUR CUSTOMERS

A) BELT CONVEYOR MAINTENANCE SERVICES

- 1) Conveyor Belt Splicing with hot and cold vulcanizing (for fabric – normal/heat; steel cord)
- 2) Conveyor Belt Repair and Patching with hot and cold vulcanizing
- 3) Conveyor Belt Installation, Alignment and Commissioning
- 4) Rubber Lagging for pulleys and rollers
- 5) Belt Scraper installation, adjustment and tensioning.
- 6) Maintenance services for other conveyor accessories like skirt rubber, impact bars, rollers, pulleys, etc.

B) BELT CONVEYOR MATERIAL & ACCESSORIES

- 1) Splicing Material for hot and cold vulcanizing
- 2) Repair/Patching Material for hot and cold vulcanizing
- 3) Rubber Sheets for skirt sealing, pulley/roller lagging and chute lining.
- 4) Conveyor accessories such as belt scrapers/cleaners, impact bars, special skirt sealing system and fiber rollers

C) ENGINEERING SERVICES

- 1) Plant audit to inspect for potential/existing problems and provide counter-measures and solutions.
- 2) Cost-down activities and solutions.
- 3) Maintenance contract



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SERVICE RECORDS

- a) **No. 1 Longest conveyor belt in Malaysia <Petronas Penapisan Melaka, Melaka>** Spec: Pipe conveyor NF-1250, Length 4.95km, Width 1100mm



- b) **2nd & 3rd Longest belt in Malaysia <Lekir Bulk Terminal, Manjung Power Plant, Manjung>** Spec: ST-1250, Length 4.5km, Width 1800mm (2 identical lengths)



- c) **Longest steel cord belt in coal-fired Power Plant <Kapar energy Ventures (formerly TNB) Kapar>** Spec: ST-1000, Length 2.0km, Width 1200mm





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And ALL heavy industries in Malaysia like Cement Plants, Power Plants, Ports, Steel Mills, Aggregate Mines, etc.

FABRIC CONVEYOR BELT SPLICING



Our skilled splicers performing at Lafarge Cement, Rawang

FABRIC CONVEYOR BELT PATCHING



Our installation team at CIMA, Perlis.



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STEEL CORD CONVEYOR BELT SPLICING



Steel Cord joint at Kapar Power Plant

CONVEYOR BELT INSTALLATION



Belt installation at Kapar Power Plant



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ENGINEERING SERVICES

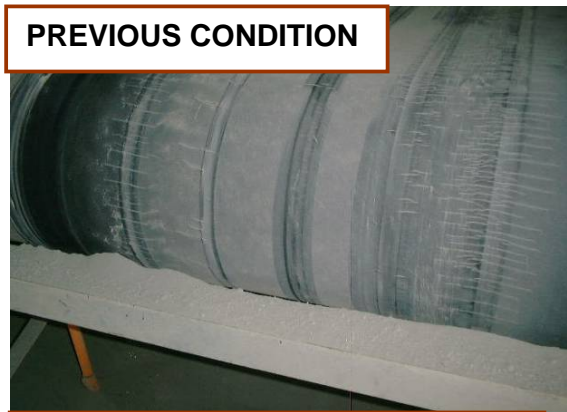
We provide engineers to perform conveyor system plant audits. We'll then recommend counter-measures, preventive actions and solutions as shown below.

OUR SOLUTION



Cover rubber:
Good condition (after 1 year)

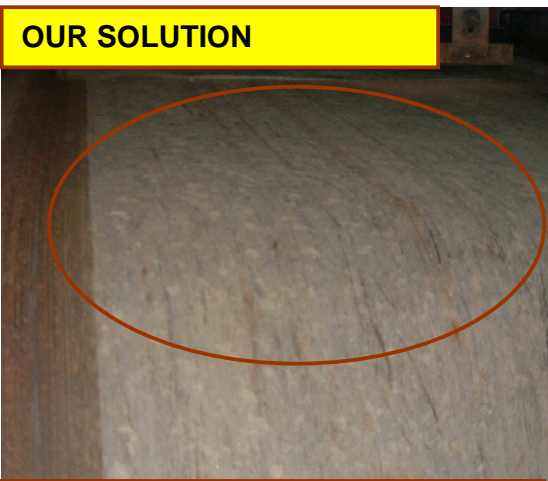
PREVIOUS CONDITION



Cover rubber cracked due to high temperature (6 mths)

LONGER LIFESPAN = Cost savings to customer

OUR SOLUTION



Cover rubber:
Good condition (after 1 year)

PREVIOUS CONDITION



Cover rubber peeled off due to high wear (6 months)



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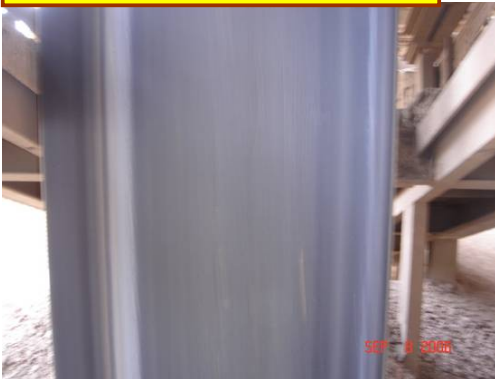
LONGER LIFESPAN = Cost savings to customer

PREVIOUS CONDITION



PROBLEM: Material sticking on belt

OUR SOLUTION



SOLUTION: Belt is well cleaned by our scrapers

Other services include consultancy on reducing maintenance cost and product cost, improve production efficiency and reliability, standardize inventories, and provide training to maintenance staff.



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