VEYTECH
DIAGNOSTIC SERVICES PTY LTD.

FLUXRITE mkII

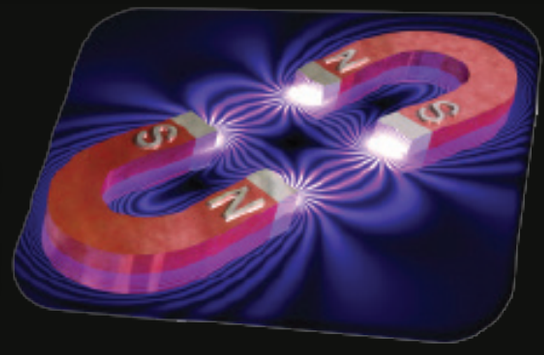
BELT DE-MAGNETISATION SYSTEM

APPROVED COMPANY
ISO 9001 Quality Management Systems
QMS Certification Services

THE FLUX*RITE* DEMAGNETISATION SYSTEM IS THE FIRST PERMANENTLY INSTALLED NON-CONTACT DEMAGNETISATION SYSTEM FOR STEEL CORD BELT.

ITS IN THE SCIENCE

THE EARTHS MAGENTIC FIELD IS MEASURED AT AROUND 250 to 650 MILLI GAUSS AND WE TYPCALLY MEASURE AROUND 1000 to 3000 MILLI GAUSS AT THE SPLICE AFTER PASSING THE ELECTRO MAGNET, THE MAGNETIC FLUX LEAKAGE AT THE SPLICE HAS A SIGNATURE AROUND THE SIZE OF A CAR HENCE THE TMD MISTAKENLY READ THIS AS TRAMP METAL CAUSING THAT ANNOYING AND EXPENSIVE CONVEYOR SHUTDOWNS.



The objective of the **FLUX*RITE*** *system is to reduce strong pockets of magnetic flux that occurs in the splices of steel cord conveyor belts. The system comprises of several conditioning heads placed below the carry side of the belt that normalises, then attenuates the magnetic flux eliminating costly false trips of the tramp metal detector.*

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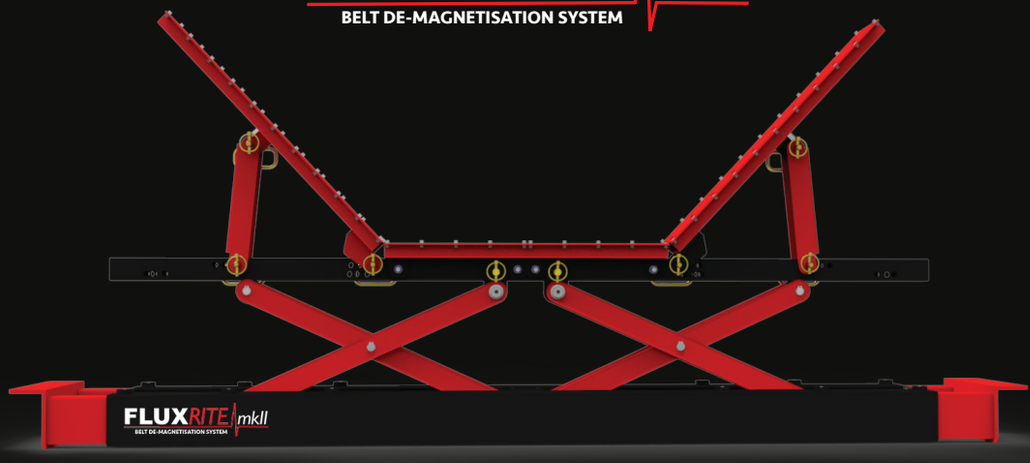
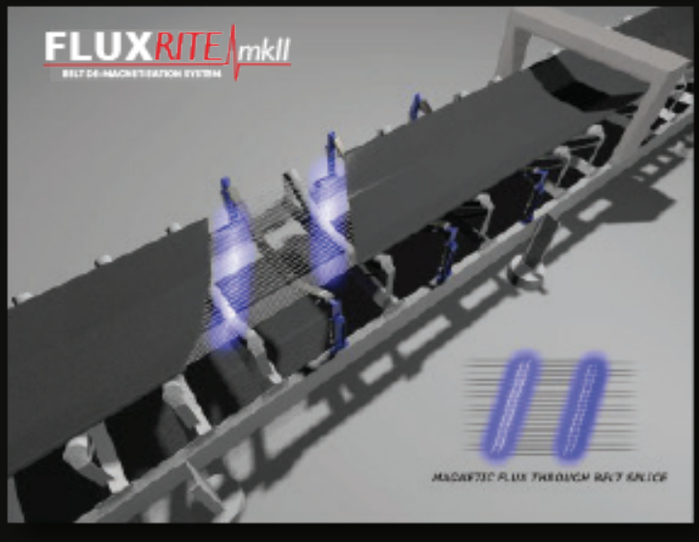


HOW DOES IT WORK?

As the magnetised splices passes over the system the demagnetising process takes place reducing the magnetic flux to well below the levels that cause the tramp metal detectors to trip the conveyor



The **FLUX*RITE*** system is easily installed between the tramp metal magnet and tramp metal detector. Each frame of the system is mounted to the stringer between the existing idler frames

The **FLUX*RITE*** system is easily calibrated with our unique tri-axial adjustment system, ensuring equal distance between the belt and the conditioning heads

Each of the **FLUX*RITE*** frames are adjusted precisely using a gauss meter to obtain maximum reduction in magnetism

The **FLUX*RITE*** system has been designed and manufactured to withstand the harsh environment of conveyor operation. Being constructed of 316 stainless steel this ensures the system will be free from rust and pitting and requires minimal maintenance.

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