**ARC WEST GROUP**

**INDUCTION DISBONDER BROCHURE COPY**

**PAGE 1 – COVER PAGE**

**The Induction Disbonder**

**“The world’s safest, most environmentally friendly method for removing toxic paint and coatings from steel surfaces”**

**PAGE 2 - MACHINE INFORMATION**

**HOW IT WORKS**

The Induction Disbonder removes paint and coatings from steel surfaces by the principle of induction. Heat is generated in the steel substrate and the bonding is broken. The coating is removed entirely without disintegrating and completely free from contaminating agents like blast media. Even inside the pittings and cracks in the surface the coating is disbonded.

**A SAFE, ENVIRONMENTALLY FRIENDLY ALTERNATIVE**

The Induction Disbonder is especially effective in removing asbestos, lead, coal tar and other toxic coatings without compromising the health of the operators or the environment. The benefits include:

* No air borne particles or dust
* No noise – the machine is virtually silent
* No contaminated water waste or wash off
* No contaminated blast media

Asset owners value the opportunity to remove toxic paint and coatings without the contamination risks. No other system does this so quickly, cleanly and effortlessly.

**AVAILABLE FOR YOUR NEXT MAINTENANCE PROJECT**

Maintenance services provider Arc West Group Pty Ltd has invested in this globally patented, proven technology from Norwegian manufacturer RPR Technologies A/S to provide its clients in Western Australia with access to an alternative paint and coatings removal method.

The Induction Disbonder is a plug and play unit that is easy to mobilise and install anywhere. Arc West Group personnel have achieved their Verification of Competency (VOC) for operation of the Induction Disbonder and have demonstrated experience using the machine on maintenance projects.

Why not ask us for a quote on your next maintenance project?

**PAGE 3 - CASE STUDY**

The Pilbara Ports Authority was planning extensive remediation works to the underside of a marine berth at Port Hedland. Initial investigations discovered the presence of coal tar epoxy on the structural steel. A suitable method for the removal of the coal tar epoxy was sought that would not compromise the health of the operators and minimise contaminated waste.

The Induction Disbonder was tested by Arc West Group and proven to be the safest and most environmentally friendly option for the removal of the coal tar epoxy.

The unit was mobilised to the work front and over a 3 month period Arc West operators removed approximately 4500 sqm in total of toxic paint from the structural steel.

The end result was an uncontaminated work front ready for the next phase of remediation that both the Client and Arc West Group were highly satisfied with.

**PAGE 4 - ABOUT ARC WEST GROUP**

Arc West Group specialises in the provision of maintenance and construction services to the mining, oil and gas and infrastructure sectors in Western Australia.

We are a proudly Western Australian owned and operated company that has worked safely and successfully with some of the leading operators in the resources industry, government infrastructure clients, and tier one contractors across a range of maintenance, shutdown and major construction projects.

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