

Under Insulation Inspection Port

Why Use Inspection Ports?

The IIP enables your Inspection / Integrity personnel to monitor for the existence and severity of corrosion under insulation in a very cost effective manner.

Should corrosion under insulation exist a prioritised risk based programme of refurbishment can be planned from a point of knowledge rather than presumptions.

IIP's allow wall thickness checks can be carried out at specific and repeatable locations too.

What is a Insulation Inspection Port?

The cost effective solution to establish if Corrosion Under Insulation exists.

The Inspection port can be inserted into insulation cladding to provide a weatherproof "peephole" that can be employed to establish the presence or severity of corrosion under insulation and re-sealed at any time.



The IIP's are simple to fit and when done correctly the orange plug can be removed at will to inspect the substrate.

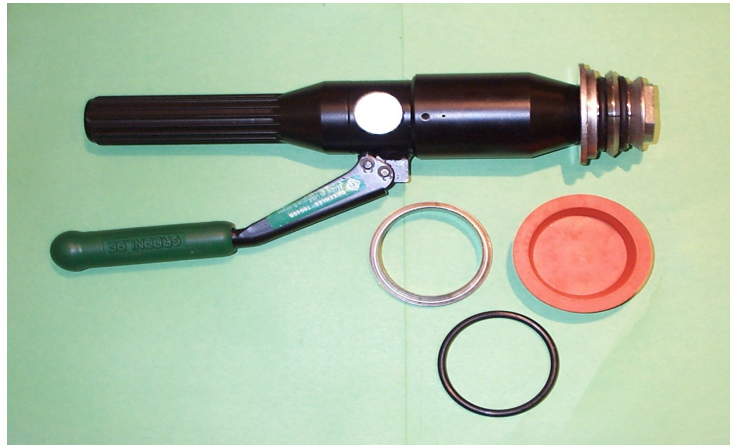
How do I Get More Information?

Just Call Us Today on +44 (0)1502-530525 for help in understanding the role of the IIP in your operation, and to discuss the many benefits they could bring.

Where can IIP's be Used?

The Insulation Inspection Ports can be installed into most types of insulation cladding to provide a point for inspection of the insulated pipe or vessel yet still maintain the integrity of the insulation, vapour seal and cladding.

Inspection ports can be inserted into the insulation cladding as a repair procedure too for small areas of cladding damage, thus preventing further water ingress.



What if I Choose Insulation Inspection Ports?

The benefits you get with IIP's are:

- A cost effective method to spot check for corrosion under insulation.
- An engineered solution to overcome much of the cladding removal and poor re-fitting normally associated with plant inspection needs.
- Less time needed for wall thickness checks to be carried out.

Other SCM Services / Products

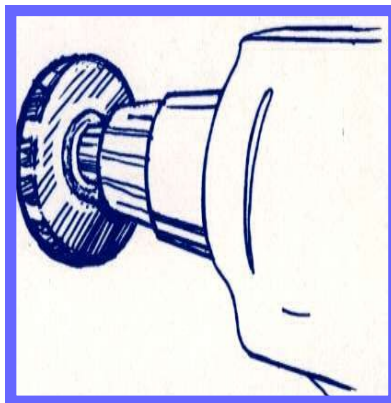
Project Paint—Fabric Management
RISCM—Corrosion Management
Survey Systems
Effectiveness Audits
Specification Development
Corrosion Consultancy
Project Management
Coating Inspection
SCM Training Systems

CUI IIP - Insulation Inspection Ports

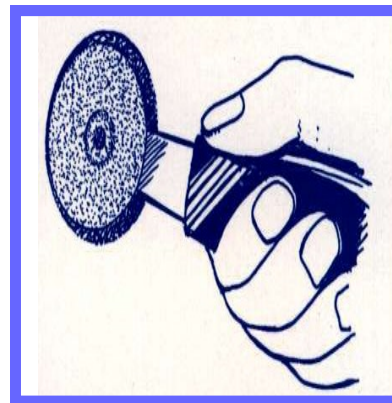
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Installation of the IIP Port

Installation is straight forward and they can be fitted easily by your own personnel



1. Cut hole through insulation cladding with hole saw the size of which corresponds with the plug size to be installed.



2. Remove insulation and clean external surfaces. Retain insulation removed for use later.



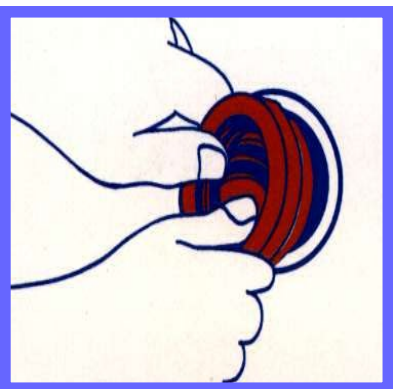
3. Using both hands, stretch rubber 'O' ring over the eyelet.



4. Insert eyelet (with 'O' ring fitted) into the pre-cut hole in the insulation cladding.



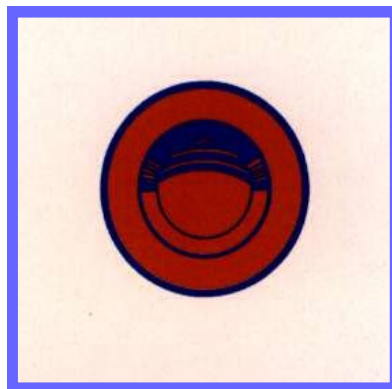
5. Insert the hydraulic tool into eyelet. Close the valve on the tool. Make sure the tool is level. Pump handle approx 5 times. Open valve. Remove tool.



6. Re-insert insulation into hole. Using both hands, insert IIP Port plug into hole.



7. Make sure plug is fully seated by depressing centre of plug firmly with thumb or



8. Plug is now correctly installed and ready for periodic inspection of the substrate.

Technical Specifications - Type 1 IIP's (Type II IIP's require not Eyelet and can be fitted to flexible cladding systems)

• Plug Material	Standard. MTL 40 Durometer Silicone Rubber
• Eyelet Material	5052 Aluminium
• Temperature Range	-80°F to 500°F
• Stock Sizes	2½"
• Tools	Hydraulic tool complete with expansion head available for hire or purchase

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