

# J-Nozzle/Feeding Dissimilar Metal Weld Inspection



The Brooks J-Nozzle inspection tool is an exclusive visual inspection solution, ensuring customers have access to more inspection data, faster and safer than ever before. Inspect a full 360° of the J-Nozzle weld, while recording location feedback for trending and more efficient maintenance planning.

## Advanced inspection capabilities

Designed with generator safe materials covering material selection and captivation in mind, the J-Nozzle tool can be installed into any selected J-Nozzle. Once fully seated in the J-Nozzle, a high resolution color camera is deployed and precisely aligned for the entire 360 degree inspection of the J-Nozzle / feeding dissimilar metal weld. The camera is then rotated 360 degrees to complete the most comprehensive J-Nozzle weld inspection available today.

## Repeatable results

During inspection, each J-Nozzle is split into four visually encoded quadrants. This inspection method produces the most accurate information for system trending and efficient maintenance planning available today.

## Benefits of the Rolls-Royce J-Nozzle inspection

- Visually encoded inspections with repeatable results for accurate system condition trending
- Reduce overall dose with optimized inspection
- Constructed of 100% generator safe materials
- Rolls Royce Component Information System (CIS) compatible

## J-Nozzle Inspection result

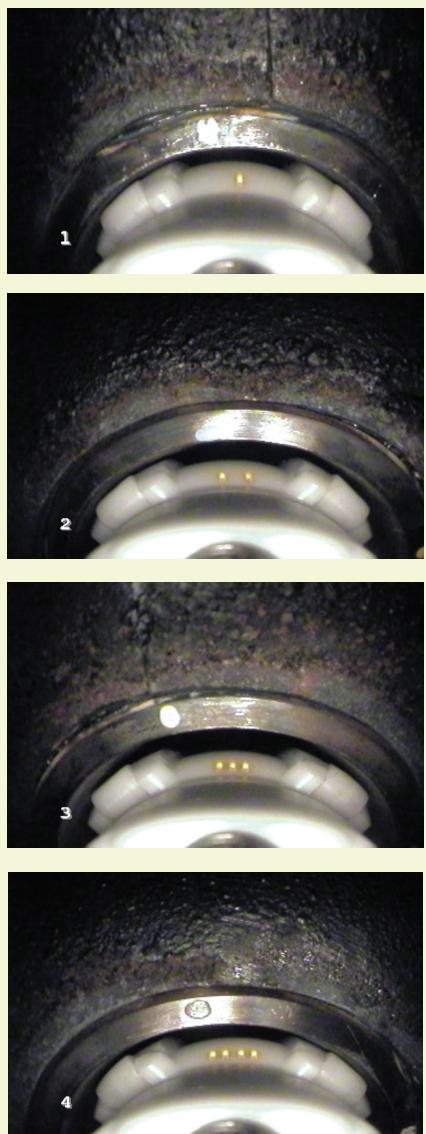


## J-Nozzle/Feedring Dissimilar Metal Weld Inspection

### Manage high resolution images with the Rolls-Royce exclusive CIS (Component Information System)

High quality imagery is essential for the true characterization of system conditions and identification of foreign objects. The Rolls-Royce J-Nozzle inspection tool can capture high resolution, true color images which can be automatically up-loaded to CIS. CIS provides the exclusive ability to view inspection data in real time, cutting characterization and decision making time to a minimum.

Images and tracking data are stored on a password protected, secure server and are accessible twenty four hours a day, seven days a week from anywhere in the world.

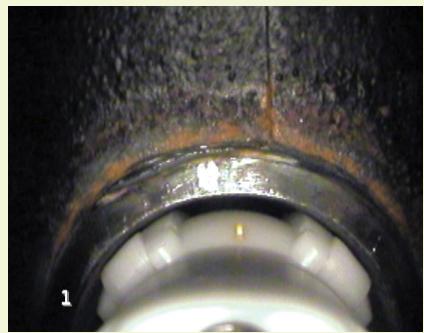


The J-Nozzle / CIS inspection package gives you a powerful tool for the quick and reliable trending of current and past inspection data.

2009



2010



2011



### Our references

- Development of the premier J-Nozzle inspection tooling to streamline inspections for faster delivery of visual data
- Proven reliability and effectiveness in plants worldwide
- Reliable trending of system conditions with the use of Rolls-Royce CIS

Yellow dots visually encode each J-Nozzle inspection, ensuring repeatable results.

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