

Reference : L3.RECO\_TD-082  
Revision : 1  
Page : Page 1 of 8  
Date : 08/11/2001  
Approval : Insert after approval

## Task Description Reconstruction Line 3

*Crack Testing and Repair of the Fume Ducting* **Current until end Oct 02**

- Set up the Fume Extraction Fan and pass the hose into the cavity.
- Pass in the wire brush and the Spray Hose to the Technician inside the cavity
- Clean all of the welds with the wire brush and then apply the lacquer to all of the weld joints
- Have the Competent Person pass the Ferrous Probe Magnetic Particle Tester into the cavity
- Position the legs of the Ferrous Probe Magnetic Particle Tester on either side of the weld to be tested and activate the '**Start Button**' whilst applying the Ardrex 907-PB Red Dye Penetrant and move it in unison with the spray as it is applied



**This is  
the Start  
Button  
for the  
Magnetic  
Particle  
Testing  
Yolk**



- Repeat the previous 3 (three) steps until all of the welds in the section of the Fume Ducting have been checked
- If there are no cracks detected, mark the relevant box on the Superstructure Refurbishment Checklist and remove the Ferrous Probe Magnetic Particle Tester from the cavity
- If there are cracks detected, proceed to prepare for the repair process as shown in the following steps
- Have the Competent Person pass the Angle Grinder into the cavity so that the Welding Technician can grind back all of the areas to be welded
- Have the Welding Hand Piece passed into the cavity and proceed to weld the cracked areas

### **NOTE:**

***Ensure that the Dead Man's Switch is in the off position and the Competent Person is within reach at all times***

- Repeat the steps for testing the weld for cracks on the repaired area and if no further cracks are found, mark the Superstructure Refurbishment Checklist accordingly

### **Note:**

***If welding is required in the first Duct, it may be necessary to cut a window in the front of the duct to allow access to the crack. The welding can then be done from the inside of the duct and the window is to be welded back into position when complete. All of these welds will need to be crack-tested after completion of the task***

### Task Description

### Reconstruction Line 3

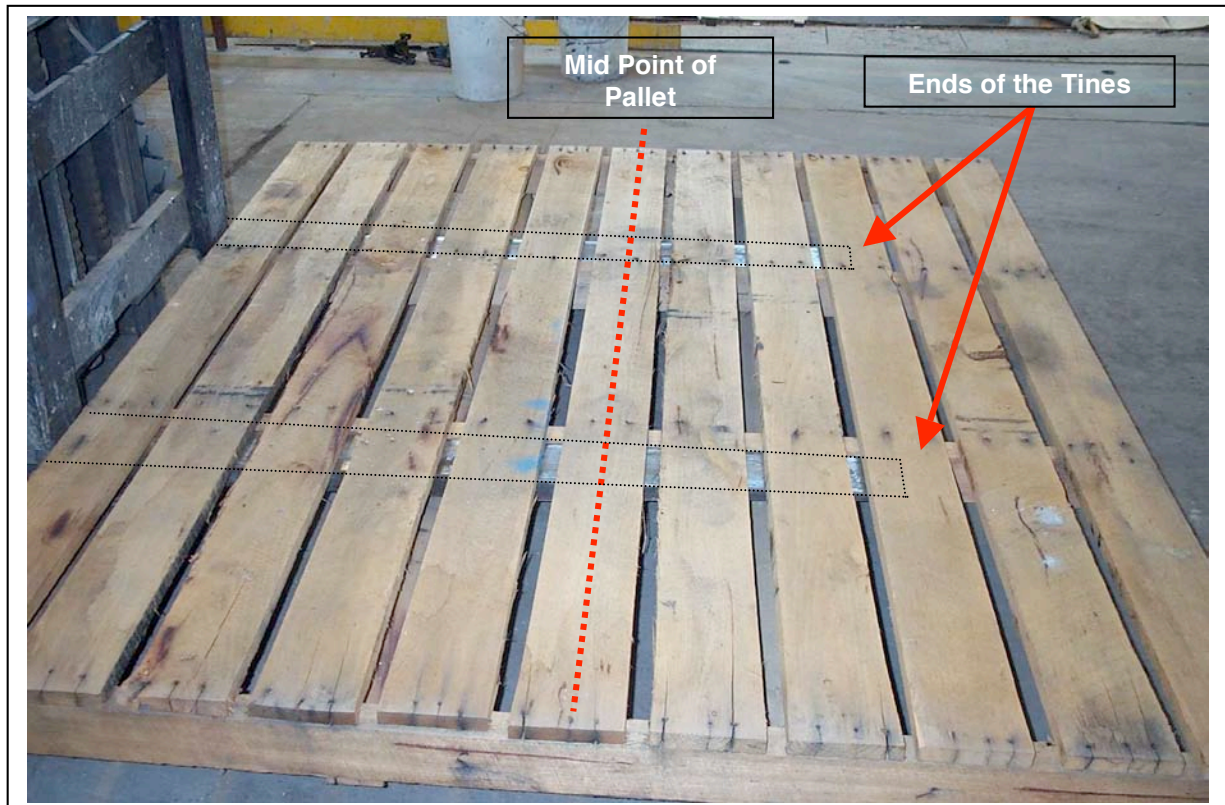
### *Installation of Comcast Slabs*

Current until end **Feb 03**

## Preparing the Slabs

- Using a Forklift with long tines, remove a pallet of Slabs. Check that the tines protrude past the Mid Point of the Pallet

**Fork Tines must be inserted fully into the pallet and they must be positioned well past the Mid Point of the pallet so as to prevent the load from becoming unsteady during transport**



### **NOTE:**

***The mass weight of each pallet of Slabs is 2200Kgs and therefore only 1 (one) pallet may be transported at a time***



# Boyne Smelters