



## **DESCRIPTION**

***Central vacuum installation in a plant for demolition of train wagons.***

## **LOCATION / DATE OF INSTALLATION :**

France / October 2008

## **APPLICATION**

Suction from ground and big bags of large quantities of glass scraps, steel scraps and dust carried out by operators using Ø 70 mm. hoses and suction tools.

Two operators doing the cleaning at different points at the same time.

## **DESCRIPTION OF THE FIXED PIPING SYSTEM**

The building, where the vacuum unit and the wall filtering hopper were placed, was 60 Mt long. The piping was running approximately 40 Mt. long.

## **COMPOSITION OF THE CENTRAL VACUUM SYSTEM**

### **A) Suction unit:**

1 x 35 HP unit (model CV121)

### **B) Filter unit**

260.000 cm<sup>2</sup> with 4 antistatic polyester cartridges with automatic temporized cleaning (air reverse pulse system) – code AA2693 PN

### **C) Collection unit**

AA2693 PN with manual discharging butterfly valve

### **D) Fixed piping installation**

- Material: Galvanized steel with electrical grounding
- Overall piping length: approximately 50 mt.
- Size: Ø 102 mm. being reduced to Ø 76 mm. on the suction points
- N. , size and type of suction inlets: 4 x Ø 76 mm.









Occurred problem on the piping due to abrasion of material



