WELCOME

PERRY JOHNSON CERTIFICATIONS PVT.LTD
LEADER IN R2:2013 CERTIFICATION
OCCUPATIONAL HAZARDS IN ELECTRONIC WASTE RECYCLING INDUSTRY

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OCCUPATIONAL HAZARDS IN ELECTRONIC WASTE RECYCLING INDUSTRY

THE GENERAL PROCESS IN ELECTRONIC WASTE RECYCLING INDUSTRY INCLUDE:

- RECEIPT
- INSPECTION AND SEGGREGATION
- DISMANTLING & SEGGREGATION
- HARD DRIVE DESTRUCTION
- CRUSHING OF PRINTED CIRCUIT BOARDS
- CUTTING & CRUSHING OF CRT TUBES
OCCUPATIONAL HAZARDS IN ELECTRONIC WASTE RECYCLING INDUSTRY

- Handling of back light tubes containing mercury
- Smelting of lead plates recovered from batteries
- Extraction of metals from crushed PCBs
- Data wiping process
OCCUPATIONAL HAZARDS IN ELECTRONIC WASTE RECYCLING INDUSTRY

- Crushing of printed circuit boards
- Cutting & crushing of CRT tubes
- Dismantling of LCD – generation of back light tubes containing mercury
- De-gausing of HDD
- Mercury retorining operation
- Destruction of HDD – drilling operation
OCCUPATIONAL HAZARDS IN ELECTRONIC WASTE RECYCLING INDUSTRY

GENERAL HAZARDS:

- FALL OF OBJECTS FROM HEIGHTS
- FALLING OF OBJECTS DURING FORK LIFT OPERATION
- EXPOSURE TO MERCURY WHILE HANDLING BACK LIGHT TUBES
- RETORTING OPERATION FOR Hg RECOVERY
- DUST GENERATION FROM DISMANTLING
- DUST GENERATION FROM CRUSHING OF PCB
OCCUPATIONAL HAZARDS IN ELECTRONIC WASTE RECYCLING INDUSTRY

GENERAL HAZARDS:

- Exposure to dust containing heavy metals like lead and cadmium
- Injuries while operating moving equipment
- Exposure to high noise levels
- Exposure to HCL fumes & HCN fumes from metal recovery
GENERAL HAZARDS:

- Handling of sodium cyanide
- Injuries while operating moving equipment
- Exposure to high noise levels
- Exposure to HCl fumes & HCN fumes from metal recovery
- Exposure to lead fumes from smelting of lead scrap
GENERAL HAZARDS:

- HAND INJURIES WHILE DISMANTLING
- EXPOSURE TO FLYING CHIPS FROM DRILLING OPERATIONS
- COMPACTING OPERATION – INJURIES TO HANDS
- EXPOSURE TO PAINT DUST WHILE CRUSHING TONERS & TONER CARTRIDGES
OCCUPATIONAL HAZARDS IN ELECTRONIC WASTE RECYCLING INDUSTRY

GENERAL HAZARDS:

- INJURIES FROM EXPOSED SHARP EDGES - VERY COMMONLY SEEN IN RECYCLING INDUSTRY
- UNSTABLE STACKING LEADING TO FALL OF OBJECTS ON THE STAFF WORKING AROUND
- ELECTRICUTION – LONGS WIRE WITH MANY JOINTS, NO POWER PLUGS
OCCUPATIONAL HAZARDS IN ELECTRONIC WASTE RECYCLING INDUSTRY

GENERAL HAZARDS:

- HAZARDS DUE TO VIBRATION WHILE DISMANTLING – MUSTLE RELATED HAZARDS

- USE COMPRESSED AIR FOR CLEANING CLOTHS AT THE END OF THE DAY. HIGH PRESSURE AIR (ABOVE 7 BAR) MAY LEAD TO DAMAGE TO NERVOUS SYSTEM.