



CONSTRUCTION MANPOWER  
DEVELOPMENT FOUNDATION

# FACT SHEET



## HEAVY EQUIPMENT MAINTENANCE ON HYDRAULIC SYSTEM AND POWER TRAIN

### Course Description:

The course is designed to impart to the trainee the knowledge and skills required for the different components of hydraulic system and power train of heavy equipment.

It consists of one-day lecture and the other day is hands-on training on exercises on hydraulic circuit, trouble-shooting/diagnostic, oil and wear analysis, disassembly/assembly/repair of hydraulic system components and power train.

### Course Objectives:

At the end of the course, the participants shall be able to;

- read/interpret circuit diagrams and symbols of hydraulic system;
- overhaul hydraulic transmission, torque converters, hydraulic pumps/motors and control valves;
- Trouble-shoot hydraulic system of heavy equipment