

— SAFETY SHOES TO BE WORN TO AVOID

SLIPPERY

— MACHINE OPERATORS SHOULD NOT WEAR  
GLOVE

— ELECTRIC MACHINES ARE TO BE REGULARLY TESTED

— NEVER USE LOOSE, CRACK, DEFORMED  
HAND TOOLS.

— APPROPRIATE PROTECTION TO BE WORN  
TO HANDLE DANGEROUS SUBSTANCES

— ONLY RECOMMENDED LOAD TO BE PUT ON  
WEIGHT LIFTING MACHINES AND TRAILERS.

## FACTORS AND CONDITIONS THREATENING HEALTH AND SAFETY

TEMPERATURE EXTREME

VIBRATION

NOISE

PSYCHOLOGICAL STRESS

DRUGS AND ALCOHOL

OCCUPATIONAL OVERUSE SYNDROME

### HEAT STRESS

THE INABILITY OF THE HUMAN BODY TO DISSIPATE EXCESS HEAT AND SO MAINTAIN NORMAL BODY TEMPERATURE

#### EFFECT OF EXCESS HEAT ON BODY

MILD HEAT ILLNESS, FAINTING, HEAT EXHAUSTION, HEAT STROKE, SALT DEFICIENCY, SKIN RASH

PSYCHOLOGICAL STRESS

### PREVENTION AND CONTROL OF COLD

ADEQUATE CLOTHING, NOT WORKING ALONE IN COLD ROOM, REGULAR WARM DRINK

WARM UP ROOM FOR REST BREAK

THERMAL INSULATION, LIMITING AIR VELOCITY

REGULAR BREAK

PROPER MAINTENANCE OF EQUIPMENTS

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PSYCHOLOGICAL SYMPTOMS OF  
STRESS

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IRRITABILITY

FORGETFULNESS

ANGER

DEPRESSION

ANXIETY

## USE OF ELECTRICITY IN WORK PLACE

ELECTRICAL INSTALLATIONS AND APPLIANCES CONTAIN BASIC SAFE GUARDS TO MINIMISE THE LIKELIHOOD OF THEIR CAUSING DANGERS OF FIRE AND SHOCK

— ALL WIRING MUST BE PROTECTED BY FUSE OR CIRCUIT BREAKER

— THE EXPOSED METAL IS TO BE INSULATED.

— EARTHING SYSTEM IS TO BE PROVIDED

— DOUBLE INSULATION FOR HIGH VOLTAGE DEVICES

— USE OF VOLTAGE ABOVE 32 V CAN CAUSE DANGER

— ISOLATING TRANSFORMERS TO BE USED TO PROTECT ELECTRICAL SHORT CIRCUIT

— SAFETY SWITCH, EARTH MONITORING DEVICES TO BE USED.

RCD - RESIDUAL CURRENT DEVICE

## DANGERS CAUSED BY ELECTRICITY

BURNS, TISSUE DAMAGE, BREATHING DIFFICULTIES  
VENTRICULAR FIBRILLATION OF HEART MUSCLES

## MAJOR HAZARDS

SHOCK, EXCESSIVE HEAT, INDUCTION HAZARD

## CHECK

CRACK, DENT IN CASING

FAULTY SWITCH, BROKEN OR DAMAGE PLUG

DO NOT USE ANY TOOL WHICH HAS DAMAGE

NEVER CARRY OR SUSPEND PORTABLE TOOL BY  
ITS LEAD

1 AVOID GETTING TOOL WET

USE DOUBLE INSULATED TOOL

USE POWER TOOL FROM SOCKET OUTLET

PROTECTED BY RESIDUAL CURRENT DEVICE



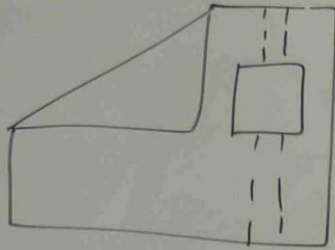
## WORK PLACE HAZARD

CLOTHING - CORRECT CLOTHES, EAR, EYE  
PROTECTION, HAND GLOVE

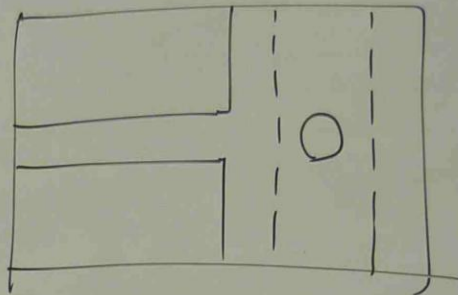
NO LOOSE CLOTHING

WALK IN THE DESIGNATED TRAFFIC LANES  
AND CONCENTRATE ON DIRECTION

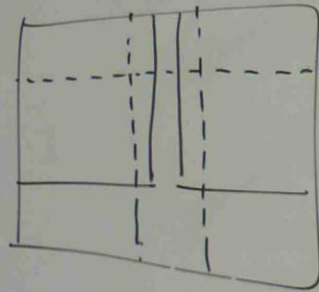
- DO NOT STAND OR WALK UNDER OVERHEAD LOAD,  
SCAFFOLDING ON WHICH PEOPLE ARE WORKING
- ALL DANGEROUS PARTS OF MACHINE INCLUDING  
BELT, PULLEYS, SHAFING, CHAINS, GEARS  
SHOULD BE SECURELY GUARDED.



ELEVATION



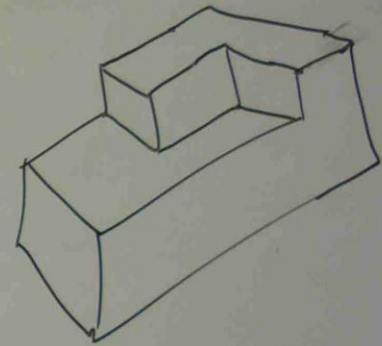
PLAN



ELEVATION  
(FRONT)

DRAW FRONT, SIDE AND  
PLAN OF THE FOLLOWING.

(1)



(2)

