

رَبِّ اشْرَحْ لِي صَدْرِي وَيَسِّرْ لِي

أَمْرِي ۚ وَاحْلُلْ عُقْدَةً

مِّنْ لِّسَانِي ۚ يَفْقَهُو قَوْلِي ۚ

اے رب میرے سینے کو کھول دے، میرے کام آ کو سان فرما، میری زبان کی گرہ کھول دے تاکہ لوگ

میری بات سمجھ سکیں



SAFETY AT PAKISTAN STEEL

BY

M. Z. GHORI

**DGM-INCHARGE (ME & IC & ISO IMP. CELL)
PAKISTAN STEEL – KARACHI**

&

**TILA MUHAMMAD
MANAGER (INCHARGE-SAFETY)
PAKISTAN STEEL –KARACHI**

Introduction of Speaker



PAKISTAN STEEL

1. MUHAMMAD ZAHIR GHORI

- DGM-INCHARGE (ME&IC / ISO Imp.)**
- M.SC, LL,B, MBA (HR)**
- 30 YEARS EXPERIENCE AT PAKISTAN STEEL**
- CERTIFIED QUALITY PROFESSIONAL (NED)**
- LEAD AUDITOR ISO-9000**
- LEAD AUDITOR ISO-14001**
- LEAD AUDITOR OHSAS 18001**

2. TILA MUHAMMAD

- MANAGER -INCHARGE (SAFETY)**
- BE (METALLURGY)**
- 25 YEARS EXPERIENCE AT PAKISTAN STEEL**



PAKISTAN STEEL

HEALTH IS A BEAUTIFUL GIFT OF ALMIGHTY ALLAH, LINKED DIRECTLY WITH ENVIRONMENT AND SAFETY. SAFETY AND ENVIRONMENT ARE THE HOTTEST TOPICS OF THE TIME. SAFETY AT ORGANIZATION - A CORE ISSUE FOCUSED TODAY IS A "SAFE AND SUSTAINABLE WORK PLACE FOR ALL". IT IS THE RIGHT TIME TO THINK FOR SAFETY, SPEAK FOR SAFETY AND ADOPT SAFETY PRACTICES.

PAKISTAN STEEL IS AN ISO-9001:2000, ISO-14001:2004, OHSAS 18001:1999 AND SA-8000:2001 CERTIFIED ORGANIZATION. THESE MANAGEMENT SYSTEMS ALSO EMPHASIZE ON SAFETY, SPECIFICALLY SAFETY OF EMPLOYEES, INFRA-STRUCTURES, SURROUNDINGS AND WORK PLACES.



PAKISTAN STEEL

WORK PLACES AT PAKISTAN STEEL ARE THE OFFICES, PLANTS, SHOP FLOORS, EDUCATIONAL INSTITUTIONS, HEALTH INSTITUTIONS, LABORATORIES, WORKSHOPS, RE-FILLING STATIONS, TREATMENT PLANTS AND RESIDENTIAL AREA GUEST HOUSE. INDUSTRIAL SAFETY PRACTICES AT ALL WORK PLACES ARE STRICTLY FOLLOWED. THE INDUSTRIAL SAFETY ACTIVITIES AT PAKISTAN STEEL INCLUDES :

- 1. SAFETY BRIEFINGS FOR ALL DEPARTMENTS.**
- 2. STUDY ON MONTHLY BASIS OF HAZARD IDENTIFICATION AT MANUFACTURING PLACED HAZARD COMMUNICATION AND RISK ASSOCIATED WITH HAZARDS.**
- 3. MONITORING OF EMERGENCY EXITS, EMERGENCY EVACUATION SYSTEM.**



PAKISTAN STEEL

- 4. DEFINING ASSEMBLY POINTS AT EACH DEPARTMENT.**
- 5. CONDUCTING MOCK DRILLS OF FIRE FIGHTING.**
- 6. CONDUCTING DRILLS FOR ELECTRIC FIRE IN CABLES, TUNNELS, BASEMENTS AND DISTRIBUTION STATIONS ON QUARTERLY BASIS, AT DIFFERENT CRITICAL LOCATIONS.**
- 7. CONDUCTING TRAINING OF EMPLOYEES ON GAS ALARMING SYSTEM.**
- 8. ENSURING PROVISION OF FIRE FIGHTING INSTRUMENTS IN ACCORDANCE WITH THE SIZE OF PLANT, OFFICE.**
- 9. REGULAR MONITORING OF CONDITION OF FIRE HYDRANTS AND THEIR REELS AS PER SCHEDULE.**
- 10. CHECKING OF RESPONSE TIME OF FIRE FIGHTERS.**



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- 11. CONDUCTING 5 DAYS INDUSTRIAL SAFETY AND ACCIDENT PREVENTION COURSES, FOR EMPLOYEES ON QUARTERLY BASIS.**
- 12. CHECKING OF SAFETY TRAINING RECORDS OF ALL DEPARTMENTS.**
- 13. RECOMMENDING PPE'S IN ACCORDANCE WITH ASSOCIATED RISK SITE.**
- 14. MONITORING OF CONFINED SPACES AND RECOMMENDING PPE'S ACCORDINGLY TO THE CONDITION OF CONFINED SPACES.**
- 15. MONITORING OF RESPIRATORY PROTECTION SYSTEM FOR EMPLOYEES ASSOCIATED WITH AIR-STEAM AND GAS NET WORK.**



- 16. SITE VISIT TO CHECK THE AVAILABILITY, UNDERSTANDING AND USAGE OF SAFETY INSTRUCTIONS.**
- 17. REGULAR SAFETY VISITS FOR (I) MONITORING OF LOCKOUT AND TAG OUT SYSTEM AT PLANTS (II) ELECTRICAL WIRING (III) MACHINE GUARDING (IV) SLIPS / TRIPS IDENTIFICATION (IV) LADDER'S CONDITION (V) FIRST AID BOXES STATUS FOR MEDICINES, BANDAGES (VI) SAFETY SIGNS.**
- 18. MONITORING THE IMPLEMENTATION OF SAFETY CHECK-LISTS.**
- 19. CHECKING OF PROPER LIGHTING SYSTEM AT PLANTS.**
- 20. MONITORING OF GAS, WATER LEAKAGES.**
- 21. STORES AND WARE HOUSES CHECKING FOR CHEMICALS SAFETY.**



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- 22. SHOP FLOOR VISITS FOR CHECKING OF AVAILABILITY OF MSDS AND TRAINING ON MSDS.**
- 23. CHECKING OF SOLID WASTE MANAGEMENT.**
- 24. REGULAR SHOP LECTURES FOR RE-FRESHING THE SAFETY AWARENESS OF EMPLOYEES.**
- 25. CONDUCTING DAILY INSPECTION OF PLANTS FROM SAFETY POINT OF VIEW.**
- 26. RANDOM SAFETY VISITS, FIRE HAZARDS AND GAS INSPECTION.**
- 27. REGULAR MONITORING OF HEALTH HAZARDS (HEAT, NOISE, GAS, EMISSION, DISCHARGES, LIGHT, TEMPERATURE) BY ENVIRONMENT PROTECTION DEPARTMENT.**



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- 28. ANNUAL MEDICAL CHECK-UP OF EMPLOYEES CARRIED OUT BY MEDICAL DEPARTMENT.**
- 29. INVESTIGATION OF EACH AND EVERY ACCIDENTS FOR ROOT CAUSE ANALYSIS AND A SUGGESTION OF CORRECTIVE AND PREVENTIVE MEASURES.**
- 30. CONDUCTING SAFETY AWARENESS CAMPAIGNS THROUGH SAFETY POSTERS & SAFETY SLOGANS.**
- 31. MONITORING OF USAGE OF PERSONNEL PROTECTIVE EQUIPMENTS AT SHOP FLOOR.**
- 32. HELPING THE STAKE HOLDER DURING FIRE EMERGENCIES.**

Safety statistics for year 2006

Sr. #	Nature of accidents	Cases
1	Death	03
2	Disability	-
3	Industrial Accidents	116
4	Occupational Disease	-
5	Pinched caught by machine	21
6	Contact with heavy object	22
7	Punched by heavy object	-
8	Fall from height	08
9	Electrocuted	01
10	Contact with hot job	06
11	Foreign matter getting in eye	01
12	Due to deficiency in oxygen in air at confined places	-
13	Chemical injuries	01
14	Chemical poisoning	-
15	Burn	07
16	Amputation	01
17	Crush injuries	04
18	Fracture	30