

An ISO 9001:2015 Certified Company



MADHYA GUJARAT VIJ COMPANY LIMITED

Registered Office: Sardar Patel VidyutBhavan, Race Course, Vadodara 390007.

Tel.No : (0265) 2310582-86 – Fax No : (0265) 2337918 / 2338164

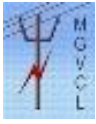
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Syllabus of Examination for the post of Health, Safety & Environment Officer

Sr. No.	Reference Learning Outcome	Professional Knowledge Required	Weightage
1	Safety: Identify accident prone areas and adopt methods for reducing accidents following safety precautions.	<ul style="list-style-type: none"> • Analysis of Accident/ Hazard, Causes, Identification, Evaluation & Control of Hazard. • Analysis of Safety equipment and their uses. Introduction of first aid, operation of Electrical mains. • Knowledge of General Safety, Occupational health and hygiene • Study of risk at work site and preparation and initiation of reports • Visit of accident prone area, practical usages of Safety belt, helmet, gloves, goggles, Safety shoes, Gum boots, Earthing Rod and Operating Rod. • Methods adopted for Reducing Accidents, Investigation of Accidents, Safety slogans, Principles of Accident, Accident radio study, identification of unsafe mechanical/physical conditions, and identification of unsafe acts. Frequency rate, prevention methods. • Electrical safety: Identify various techniques of earthing standards and earth fault protection. • Safe limits of voltages, distance from lines, etc. Joints and connections, Overload and short circuit protection. • Earthing standards and earth fault protection, Protection against voltage fluctuations, effects of shock on human body hazards. • Electrical equipment in hazardous atmosphere. • Introduction of Safety Management, Safety Policy, Safety Committee, Safety Review, CEA Safety Regulation 2010, Responsibility of Management, Safety Officers Duties & Responsibilities, Safety Targets, Objectives, Standards, Practices and performances. Motivation & communication as part of Safety Program. Role of a supervisor. • General causes and classification of fire, detection of fire, extinguishing methods, fire fighting installations with and without water. • Disaster management floods, earthquake, cyclone, and slides, etc. 	34%





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2	Health	<ul style="list-style-type: none"> • Health - Cleanness, Disposal of Waste, Ventilation and Temperatures, Dust & Fumes, Drinking Water, Lighting, Latrines & urinals. • First Aid Appliances, Canteen, Shelters for rest & lunch, Welfare offers, Right & Obligation of employees. • Good housekeeping, Disposal of scrap and other trade wastes. • Identify and select respiratory personal protective devices and carry out its maintenance. 	33%
3	Environment	<ul style="list-style-type: none"> • Safety and Protection of existing environment, Principles & practices in Prevention & control of Pollution, Water Pollution, Introduction to Hazardous Waste Management. • Environmental pollution - causes, effects and control measures of air pollution, water pollution, soil pollution. • Developing a workplace Safety and Health Policy. • Planning - Safety and Health objectives and Targets, performance standards. • Implementation and Operation Structure and responsibilities, individual responsibilities, Safety consultation. • Awareness and competence. • Communication - information coming into the organization. • Document control: Safety and Health System records. 	33%

