

FACETS OF MAINTENANCE:

The avoidance of accidents, which may harm people. The continued operation of facility. The protection of the capital investment in the asset.

IMPORTANCE OF MAINTENANCE.

It improves the life of structure. Improved life period gives better return on investment. Better appearance and aesthetically appearing. Leads to quicker detection of defects and hence remedial measures. Prevents major deterioration that leads to collapse. Ensure safety occupants.

REHABILITATION:

Rehabilitation is the process of restoring the structure to service level, once it had and now lost, strengthening consists in endowing the structure with a service level, higher than that initially planned by modifying the structure not necessarily damaged structure.

FACTORS TO BE CONSIDERED BY THE DESIGNER AT THE CONSTRUCTION SITE.

Minimum and maximum temperatures

Temperature cycles

Exposure to ultra violet radiation

Amount of moisture

Wet/dry cycles

Presence of aggressive chemicals

STAGES OF INSPECTION AND MAINTENANCE

Inspection

Analysis

Action Possibilities.