

## ENVIRONMENT, HEALTH AND SAFETY

### SUSTAINABILITY DEPARTMENT

#### CIRCULAR: EHS/GB/02/10

**TO :** All EHS Pre Qualified Green Building Consultants, Commissioning Authorities and relevant stakeholders Involved in Green Building Projects.

**SUBJECT :** Green Building Projects – Site Inspections

**DATE :** 22<sup>nd</sup> July 2010

Greetings from EHS.

This is to bring to your attention the site related inspections that are undertaken by EHS in order to ascertain the progress of the projects from Green/Sustainability perspective. These checks would predominantly revolve around the compliance to the green building project plans as applicable at the site (construction phase) and proof that the project is getting the attention it deserves during the said period.

Attached with this circular is a list that comprises the key areas addressed by the staff. While this is not exhaustive and all inclusive, it provides an insight on the intent of the proposed checks and the documentary evidence / photographs expected from the project team located at the site. This is being circulated to you to enable you to disseminate the message to other stakeholders.

It is expected that clients, Architectural Engineering consultants, contractors, suppliers and other stakeholders instrumental in providing the data / information to the Green Building consultants in the process of their complying with the Green regulations, would extend the required support and cooperation in this regard.

Should you have any queries, please contact us at [EHS.GreenBuilding@trakhees.ae](mailto:EHS.GreenBuilding@trakhees.ae)

Regards,

**P.R.Jagannathan**  
Sustainability Manager  
Trakhees - Environment, Health & Safety  
Ports, Customs and Free Zone Corporation

cc: Amin Al Mulla – Chief Operating Officer, EHS-Trakhees

S.No.	Description	Purpose	Evidence	Remarks
1	ESC measures have been implemented during construction as per ESC Plan.	To verify meeting the requirements of SS Prerequisite	1. Photographs 2. ESC Plan & site checklists prepared by the responsible agency.	These shall be shown to EHS Inspector as a proof of the implementation of ESC measures on site during construction
2	Storm water Management Strategies have been implemented during construction as per Storm water Management Plan	To verify meeting the requirements of SSc6: Storm water Management	1. Photographs 2. Storm water management Plan & site checklists prepared by the responsible agency.	These shall be shown to EHS Inspector as a proof of the implementation of the respective measures on site during construction
3	Construction Waste Management (CWM) Strategies have been implemented during construction as per CWM Plan	To verify meeting the requirements MRc2: Construction Waste Management	1. Photographs 2. Construction waste Management Plan & site checklists prepared by the responsible agency	These shall be shown to EHS Inspector as a proof of the implementation of the respective measures on site during construction
4	Building materials used in the building meet green building requirements	To verify whether the building materials used in the building are compliant to green building requirements and also to verify meeting the requirements of MR credits.	1. Material Calculation Sheet	Material Calculation Sheet prepared by the responsible agency shall be shown to EHS Inspector as a proof of compliance

S.No.	Description	Purpose	Evidence	Remarks
5	Paints, Sealants & Adhesives used in the building are in compliance to the green building requirements	To verify whether the respective materials used in the building are compliant to green building requirements and also to verify meeting the requirements of EQc4: Low emitting materials	1. Material Safety Data Sheets of the respective materials	These MSD sheets shall be shown by the responsible agency to EHS Inspector as a proof of compliance
6	Energy Conservation Strategies have been implemented in the building as per the design considerations	To verify whether the energy conservation measures as designed have been implemented on site to wards the achievement of EAp2: Minimum Energy Performance and EAcl: Optimize Energy Performance	1. Energy simulation report copy 2. Photographic evidence of implementation of ECMs.	Energy Simulation Report prepared by the Green Building Consultant shall be shown by the responsible agency to EHS Inspector as a proof of compliance.  The Green Building Consultant shall also show the implementation of different ECM's within the building
7	Water Conservation Strategies have been implemented in the building as per the design considerations	To verify whether the water conservation measures as designed have been implemented on site to wards the achievement of WEc3: Water Use Reduction	1. photographic evidence 2. Datasheets	Fixture Cut Sheets shall be shown by the Green Building Consultant to EHS Inspector as a proof of compliance