

ENVIRONMENT, HEALTH AND SAFETY

SUSTAINABILITY DEPARTMENT

CIRCULAR: EHS/GB/01/10

TO : All Business Units Of Dubai World, Their Clients , Green Building Consultants, Architectural & Engineering consultants, Contractors and relevant stakeholders

SUBJECT : Green Building Decision Table - Warehouses/Industrial developments

DATE : 20th July 2010

Greetings from EHS!

As you are aware, Environment, Health & Safety (EHS) is constantly striving to improve the submission & review process by making it simpler, while at the same time enhancing the value it offers to the project and to its stakeholders.

In this regard, the decision table for warehouse / industrial developments, for ascertaining the extent of Green Building requirements has undergone a minor revision taking into consideration the valuable feedback that we received from stakeholders together with our own regulatory perspective on such developments.

While the basic structure has been largely retained, the current revisions focus on the following aspects:

- 1) Requirement of Green Building Checklist at a minimum level.
- 2) Additional clarification on area criteria for assessing the extent of green building strategies to be adopted. A detailed explanation has been provided under the table (given below) on the list of areas that are to be taken into consideration.

Please note that for projects requiring Checklists, a detailed Green Building Project Plan (GBPP) should be prepared and submitted by the Engineering Consultant (as part of NOC-BP submissions) covering all the elements of the checklist that include at a basic level ALL of but NOT limited to the following:

- a) Letter of compliance
- b) Strategy to be followed for each of the elements of the checklists
- c) Technical submissions including drawings, material datasheets, specifications, etc
- d) Letter of undertaking and commitment
- e) Calculations if applicable

As part of the NOC-BCC submissions, a detailed Green Building Project Report (GBPR) should be prepared and submitted by the Engineering Consultant, demonstrating compliance to all the items of the checklist originally confirmed and committed at the Building Permit (BP) stage. This includes ALL of but NOT Limited to the following:

- Executive summary of the project relating to Green aspects
- As built drawings
- Material datasheets of the products used in the project
- Photographs as proof of compliance
- Description of the strategy followed in the project

It is hereby reiterated that the development of facilities within the jurisdiction of Trakhees-EHS necessitates approval from the Green Building Section (Sustainability Department) to facilitate the issuance of the NOC-BP and NOC-BCC from the permits department.

Through this mail it is hereby notified that this Decision table should be followed for all the warehouse / industrial development projects and submissions should be made accordingly.

The decision table is available as part of EHS Green building Regulations (under the "Regulations" Section) and also under the "Information" section. Relevant documents can be downloaded from the portal www.ehss.ae under the Green Buildings section.

We appreciate your hard work and commitment to make Dubai Green and to protect its natural resources and the environment for future generations. Thank you for your cooperation and we are looking forward to a very successful working relationship with our stakeholders.

Should you have any queries, please contact us at 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

EHS Green Building Regulations for Warehouses (Decision Table)

Type	Description		Strategy		
	Area-1	Area-2	Criteria	EHS approved Green building consultant	USGBC Registration and Certification
	Warehouse / Industrial Facility Built-up Area	Office / Other Areas			
Type-1	5001 Sq.m and larger	1001 Sq.m and larger	Mandatory points	Applicable	Applicable
Type-1a	5001 Sq.m and larger	501 Sq.m to 1000 Sq.m	Mandatory points	Applicable	Not required
Type-1b	5001 Sq.m and larger	Less than 500 Sq.m	Check List	Not required	Not required
Type-2	Up to 5000 Sq.m	1001 Sq.m and larger	Mandatory points	Applicable	Not required
Type-2a	Up to 5000 Sq.m	Up to 1000 Sq.m	Check List	Not required	Not required

Supporting Condition

- The above Decision Table considers the Warehouse / Industrial facility (Area-1) to be a non-conditioned space. If these areas are fitted with HVAC equipments for climate control, it would be automatically eligible for full fledged Green building assessment and should be treated accordingly.
- Column "Area 2" listed in the description of the table refers to all the other areas of the development besides the main warehouse / industrial area and comprises ALL OF but not limited to the following
 - Office areas
 - Mess halls
 - Dining rooms
 - Gym
 - Prayer hall
 - Toilets
 - Filing / storage rooms
 - Conference rooms
 - Worker's amenities
 - Recreation facilities
- For any other spaces not covered in the above, EHS sustainability department can be contacted.