Calculations

Following equation must be used to calculate the overall percent of local species for the project:

$$\text{Percent local species} = \frac{\text{Area planted with local and adaptive plants}}{\text{Total vegetated area}} \times 100\%$$

Case Study

A residential building is designed with 2,800 m² landscape area on ground and 350 m² area of green roof. To comply with Al Sa'fat, the project should have native plants for at least 25% of total vegetated area i.e. 788 m². Hence local species must be planted for at least 788 m² of the area (Ref Table 302.01 (2)).

Table 302.01(2): Case Study

Description	Area (m²)
Total landscape area	2,800
Total green roof area	350
Total vegetated area	3,150
Area with local species	787.50
% Landscape area with local species	25%

COMPLIANCE DOCUMENTATION

Table 302.01(3): Documents Required

Project Stages	Submittal Documents
Design Permit Application	1. DM BLDG Al Sa'fat declaration.
Construction Completion Application	Not applicable.
After Completion	Not applicable.

REFERENCES AND ADDITIONAL INFORMATION

Dept. of Planning and Development – Trakhees, Government of Dubai (2018). Regulation EN- 9.0 Landscape Regulations: Comprehensive List of Suitable Plants for the UAE. Dubai.

Dubai Desert Conservation Reserve (n.d.). Flora & Fauna. Retrieved from https://www.ddcr.org/florafauna.

Dept. of Urban Planning and Municipalities - Abu Dhabi (2018). Abu Dhabi Public Realm Design Manual: Plant List. Abu Dhabi.