

Toilets (Dual Flush)	6/4 litres/flushing cycle (full/low)
Ablution fixtures	6 litres/min at 413.7 kPa (reference pressure)
Dishwashers	1.3 litres/place setting
Washing Machines	8.5 litres/kg of dry load

### Ozone Impacts of Refrigerants

Demonstrate that all refrigerants to be installed have an ozone depleting potential (ODP) of zero.

### ADDITIONAL REQUIREMENT/CLARIFICATIONS

All waste generated from buildings on the project site must be accounted for within the operational waste strategy within credit SW-R3.

### Credit Submission: Design Rating

- ☐ Sections/details for each building façade element (including details on glazing type and areas) demonstrating how each element meets the requirements of the credit;
- ☐ PVRs U-value Calculator to demonstrate compliance with building envelope requirements;
- ☐ Manufacturer's data or extracts from specification for each proposed appliance, light fixture (internal and external) and control system, fan, and air conditioning unit, detailing the energy rating/unit efficiency/power rating and ODP;
- ☐ Extracts from specifications for all proposed water fixtures and fittings indicating flow rates and flow regulation systems;
- ☐ Extracts from specifications for all proposed appliances including information on their water use; and
- ☐ Extracts from specifications for all proposed refrigerant systems confirming ODP of each refrigerant is zero.

### Credit Submission: Construction Rating

- ☐ As-built sections/details for each building façade element (including details on glazing type and areas) and detail how each of these elements meets the requirements of the credit;
- ☐ PVRs U-value Calculator (if changed from design submittal) to demonstrate compliance with building envelope requirements;
- ☐ Updated Manufacturer's data for each installed appliance, light fixture (internal and external) and control system, fan, and air conditioning unit, detailing the energy rating/unit efficiency/power rating;
- ☐ Manufacturer's data for all installed water fixtures and fittings indicating flow rates and flow regulation systems;
- ☐ Updated manufacturer's data for all installed appliances including information on their water use; and
- ☐ Updated manufacturer's data for all proposed refrigerant systems confirming ODP of each refrigerant is zero.

### Calculations and Methodology

Estidama Pearl Rating System: Information Bulletin #3 provides a definition of buildings requiring compliance with the Pearl Building Rating System (PBRs).

The infiltration rates must be calculated in accordance with the 2013 ASHRAE Handbook-Fundamentals, Chapter 16.

Calculation of air conditioning system performance requirements must be based upon the standard test conditions and procedures outlined in AHRI standard 210/240, or equivalent. Certification should be obtained from the equipment manufacturer.

Recognised energy rating systems include but are not necessarily limited to:

- Energy Star