

BEYOND

SMART CITIES

COMMISSIONING SPECIALIST

BEYOND SMART CITIES



INDOOR ENVIRONMENT QUALITY /COMMISSIONING

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COMMISSIONING SPECIALIST ONLINE CURRICULUM

INDOOR ENVIRONMENT QUALITY AND CXA

Indoor Environment Quality Pre-Requisite

Indoor Environment Quality Credits

Indoor Environment Quality and







LEED SCORECARD

LOCATION AND TRANSPORTATION (0PR/7C/16P)

SUSTAINABLE SITES (1PR/6C/10P)

WATER EFFICIENCY (3PR/4C/11P)

ENERGY AND ATMOSPHERE (4PR/6C/33P)

MATERIALS AND RESOURCES (1PR/5C/13P)

INDOOR ENVIRONMENTAL QUALITY (2PR/9C/16P)

INTEGRATIVE PROCESS(0PR/1C/1P)

INNOVATION (0PR/2C/6P)

REGIONAL PRIORITY (0PR/1C/4P)

TOTAL (11 PRE REQUISITE / 44 CREDIT /110 POINT)

INDOOR ENVIRONMENTAL QUALITY

- MINIMUM INDOOR AIR QUALITY PERFORMANCE
- ENVIRONMENTAL TOBACCO SMOKE CONTROL
- ENHANCED INDOOR AIR QUALITY STRATEGIES
- LOW-EMITTING MATERIALS
- CONSTRUCTION INDOOR AIR QUALITY MANAGEMENT PLAN
- INDOOR AIR QUALITY ASSESSMENT
- THERMAL COMFORT
- INTERIOR LIGHTING
- DAYLIGHT
- QUALITY VIEWS
- ACOUSTIC PERFORMANCE

PRE REQUISITE : MINIMUM INDOOR AIR QUALITY PERFORMANCE
 ENVIRONMENTAL TOBACCO SMOKE CONTROL

INDOOR ENVIRONMENT QUALITY & COMMISSIONING(CX)

- ☒ Focused on a high quality environmental for the building occupants
- ☒ All credits affect Cx'd systems except:
 Low-emitting materials and Views

INDOOR ENVIRONMENT QUALITY PREREQUISITES THAT ARE CX'D

- ☒ Minimum Indoor Air Quality Performance
- ☒ Verify that ventilation system operates per designed ASHRAE 62 requirements
- ☒ Environmental Tobacco Smoke Control
 - ☒ Dedicated systems for Tobacco Smoke removal should be Cx'd
 - ☒ Normally not provided in new California or India Buildings

- ☑ May add a level of complexity to HVAC controls

