

#### **4.4.7. Inspection**

- 4.4.7.1.** Special inspections shall be required for all façade and cladding systems. Inspection shall take place in successive stages as installation proceeds. Such successive stages shall be at every 20% intervals of the total building height.
- 4.4.7.2.** It is consultant's responsibility to ensure that installer's work is inspected during construction and installation at each stage.
- 4.4.7.3.** It is consultant's responsibility to recruit in-house qualified façade engineers for inspections or to hire façade inspection services of Civil Defence approved House of Expertise.
- 4.4.7.4.** Main consultant or house of expertise, who inspect the installation, shall certify and signoff the façade and cladding installations undertaken during progressive inspections at each successive stage of installations in report which shall be part of the documentation required by Civil Defence during final inspection and handing over.
- 4.4.7.5.** Main consultant or Civil Defence approved House of Expertise individual inspector undertaking Façade inspections shall have the following qualifications.
- Accreditation to ISO/IEC 17020 or relevant IAS criteria or ICC Specialist building inspection training and certification or an equivalent international criteria acceptable to Municipality and Civil Defence.
  - Training and certification by system manufacturers.
  - 3 years experience in fire and life safety aspects of Façade inspections.

#### **4.4.8. Façade Specialist Qualifications**

- 4.4.8.1.** The Façade Specialists of Consultant's in-house team or of Civil Defence approved House of Expertise, undertaking façade consultancy, design or inspection shall have the following qualifications.
- Bachelor's degree in engineering.
  - 5 years experience in fire and life safety aspects of Façade engineering.
  - Training and certification by system manufacturers.
- 4.4.8.2.** The Façade Specialists of Consultant's in-house team or of Civil Defence approved House of Expertise, undertaking façade consultancy, design or inspection shall be certified by Civil Defence based on their qualifications as required by **Section 4.4.8.1.**, manufacturer's training certifications and written examination.