

Challenger Hall 1-3

General and Technical Specification

Dimension IMPACT Challenger Hall 1-3 Royal Jubilee Ballroom	131.20 x 459.00 x 30.00/ 10.00-25.75 m. (W x L x H) 430.00 x 1,506.00 x 98.43/ 32.80-84.48 ft. (W x L x H) 90.00 x 40.00 x 14.00/8.00 m. (W x L x H) 295.27 x 131.23 x 45.93/ 26.24 ft. (W x L x H)
Gross Useable Space IMPACT Challenger Hall 1-3,Exhibition Space Challenger Hall 1-3, Lobby Royal jubilee Ballroom	60,000 sq.m. (645,834 sq.ft.) 9,700 sq.m. (104,410 sq.ft.) 3,500 sq.m. (37,660 sq.ft.)
Floor Material	Concrete sealed material (Hardened concrete)
Floor Loading Capacity Challenger Hall 1 Challenger Hall 2-3 Loading Arena Royal Jubilee Ballroom Jupiter Room, Foyer, Lobby	2,000 to 4,000 kg./ sq.m. 2,000 kg./ sq.m. 2,500 kg./ sq.m. 1,000 kg./ sq.m. 650 kg./ sq.m.
Ceiling Material	Rockwool insulation and exposed steel structure
Ceiling Loading Capacity Challenger Hall 1-3 Royal Jubilee Ballroom	700 kg. to 2,000 kg./ hanging point Total of 1,600 hanging points at 700-kg./ point Total of 800 hanging points at 1,000-kg./ point Total of 500 hanging points at 2,000-kg./ point Total of 86 hanging points at 1,000-kg./ point with 12 sets of hoist at stage area
Catwalk Challenger Royal Jubilee Ballroom	0.80 m. in width, handrails are 1.10 m. in height on both side 1.00 m. in width, handrails are 1.20 m. in height on both side
Loading System	<ul style="list-style-type: none"> - 6 sets freight elevators and 6 conveyor belt - 4 loading ramps
Freight Door	24 sets at service area each measuring 17 doors: 8.30 x 5.00 m. (W x H) 4 doors: 6.00 x 5.00 m. (W x H) 3 doors (Elephant door): 8.30 x 8.00 m. (W x H), 27.20 x 26.20 (W x H)
Exhibition Hall Entrance	27 doors 2.20 x 2.50 m. (W x H), 7.21 x 8.20 (W x H) 9 double doors at the back 1.60 x 2.00 m. (W x H), 5.24 x 6.56 ft. (W x H)
Restroom	34 male restrooms, 38 female restroom, 28 disabled restrooms and 11 private restrooms