

ADNOC Headquarters



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Height: To Tip
342 m / 1,122 ft

Height:
Architectural
342 m / 1,122 ft
Height: Occupied
294 m / 965 ft



Floors Above Ground
65

Floors Below Ground
2

Facts

Official Name	ADNOC Headquarters
Other Names	Abu Dhabi National Oil Company Headquarters
Structure Type	Building
Status	COM
Country	United Arab Emirates
City	Abu Dhabi
Street Address & Map	Corniche Road West & 18th Street
Building Function	office
Structural Material	concrete
Energy Label	LEED Gold BD+C: New Construction
Construction Start	2009
Completion	2015

Companies Involved

Owner/Developer	Abu Dhabi National Oil Company
Architect	<ul style="list-style-type: none"> Design: HOK, Inc. Architect of Record: CH2M HILL
Structural Engineer	<ul style="list-style-type: none"> Design: CH2M HILL Peer Review: BuroHappold Engineering
MEP Engineer	<ul style="list-style-type: none"> Design: WSP Group Peer Review: BuroHappold
Project Manager	Hill International
Main Contractor	Besix
Other Consultant	<ul style="list-style-type: none"> Acoustics: Shen Milsom Wilke, Inc. Building Monitoring: Kinometrics Inc. Façade: Werner Sobek Group Fire: Arup; Telecom Helipad/Aviation: Ricondo Lighting: PHA Lighting Design Security: WSP Group Vertical Transportation: Ayling Consulting Services Inc Wind: BMT Fluid Mechanics Ltd.
Material Supplier	<ul style="list-style-type: none"> Cladding: ASCONE; Nikolaus Bagnara S.p.A.; Rock of Ages; Kuraray; Jangho Group Co., Ltd. Façade Maintenance Equipment: CoxGomyl Fire Proofing: Grace Construction Products Paint/Coating: Jotun Steel: Eversendai Engineering Qatar

About ADNOC Headquarters

Abu Dhabi National Oil Company (ADNOC), developed ADNOC Headquarters on Corniche Road in a prestigious area of Abu Dhabi, highlighting the company's international influence and its economic centrality to the oil-producing region. The structure's design makes the most of the site's central location through careful massing of the tower and calculated placement of the courts, plazas, and landscaping surrounding the tower to allow for the superior vistas from the building.

The commercial office tower has a sleek and slender design, rising from a parallelogram-shaped site. The tower's north-south orientation minimizes the ground-level footprint, leaving ample room for landscaped amenity space. Most public functions such as conference rooms, reception and restrooms are zoned towards the south facing façade which features a double glazed exterior skin that protects the building occupants from harsh solar exposure, and allows a more filtered daylight infiltration. The building's most remarkable feature is an arciform square opening crowning the tower.

A unique engineering challenge faced was that the center of the tower's mass is offset by three meters due to the fact that the south core walls are only counterbalanced by six slender composite columns. Structural columns filled with high strength concrete and 20% of original steel to achieve adequate stiffness.

A very unusual curved auditorium beside the tower acts as a contrasting stylistic facet to the boxy podium projecting out from the base of the tower. Extending south of the tower, a three-story rectangular podium houses retail space, the service loading area, a heritage museum, and the main lobby. The podium's roof extends south across the access road to connect to a new mosque. To maximize flexibility, office spaces are thoughtfully organized using a modular approach that allows for the spaces to be easily modified and exchanged.

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