

# Saudi Aramco Security Fence Type - 2

## سياج الحماية ارامكو السعودية نوع - ٢

**TECHNICAL SPECIFICATION**

FENCE TYPE: SAUDI ARAMCO SECURITY FENCE TYPE-2

**TECHNICAL SPECIFICATION**

POSTS AND PIPES  
ALL FENCE POSTS AND PIPES COMPLYING WITH ASTM A-53 SCH 40, PRE GALVANIZED, WITH AN AVERAGE ZINC COATING 400-450 GR/MZ

ITEM	POST LENGTH (MM)	POST WALL THICKNESS (MM)	WEIGHT (KG/M)
LINE POST	3400	6.3	3.91
CORNER, END AND STRAINING POST	2900	7.3	5.16
BRACE RAIL	2900	42.2	3.56
TOP RAIL	6000	42.2	3.56

**FITTINGS**

ALL FENCE FITTINGS TO BE HOT-DIPPED GALVANIZED AFTER MANUFACTURE WITH IN ACCORDANCE WITH ASTM A-53 & A-153

**WIRE PRODUCTS**

- WIRE FOR CHAIN LINK FABRIC GALVANIZED AS PER ASTM A-392
- TENSION, STRIP AND THE WIRE ARE GALVANIZED A-641 CLASS -1

CLASS	CHAIN LINK FABRIC WIRE DIA	TENSION WIRE DIA	STRIP WIRE DIA	TYPING WIRE DIA	BARBED WIRE DIA
B	50	3.76	4.5	3.05	2.5

**NOTES**

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.
- ALL RESPONSIBILITIES FOR CONCRETE FOUNDATION ARE WITH THE CONTRACTOR
- CONCRETE BEAM, POST FOUNDATION, REBERS& WRAPING TAPING BY OTHER.
- ALL M10 BOLT/NUT ARE CARRIAGE BOLT/NUT

**FINISH**

CLASS-B

- ALL FENCE FITTING MATERIAL OF GOOD COMMERCIAL QUALITY HOT-DIPPED GALV. AFTER MANUFACTURE WITH AN AVERAGE ZINC COATING 550 GR/MZ OF SURFACE AREA, REFER TO ASTM A-120, A123 & A-153
- CHAINLINK FABRIC TENSION AND THE WIRE GALVANIZED WITH A MINIMUM ZINC COATING 366 GR/MZ SURFACE AREA. REFER ASTM A-392

صنعت سبك و حديد التقنية العليا  
**Hi-Tech Fence & Steel Industries**

MANUFACTURER:

FAX 2914419, TEL 4746635, 0555015794,0555015795 RIYADH

FENCE TYPE: SAUDI ARAMCO SECURITY FENCE TYPE-2

DESIGN: MOZ	SCALE: AS SHOWN
DRAWN: ZAKI	DATE: 09/10/13
CHECKED: JWD	DRG. NO: SEN-HIGH-ARMO-2-002
APPROVED: JWD	REV: A