



AMOUNT	PART NAME	P.NO	WEIGHT KG	DRW. NO:
1	PIT COVER (LAYOUT)	6	312	U-830-3170
1	PLATFORM,LADDER	5	940	U-830-3169
1	LIFTING SYSTEM	4	3546	U-830-3161
1	GATE LAYOUT	3	14607	U-830-3152
1	GATE GUIDE	2	7384	U-830-3165
1	FIRST PHASE EMBEDDED PART	1	843	U-830-3168
			27632 KG	

GATE TECHNICAL SPECIFICATIONS:

- TYPE : ROLLER GATE
- QUANTITY : 1 SET
- CLEAR OPENING : 4300 mm
- CLEAR HEIGHT : 5150 mm
- LIFTING HEIGHT : 5350 mm
- OPERATING MECHANISM : HYDRAULIC CYLINDER CONTROLLED BY HAND AND ELECTRICITY
- MAXIMUM WATER LEVEL : 795.30 m
- GATE SILL ELEVATION : 781.00 m
- HYDROSTATIC HEAD : 14.30 m
- OPERATING SPEED : 0.3 m/min
- GATE OPENING CONDITION: UNDER UNBALANCED WATER PRESSURE CONDITION FIRSTLY GATE SHALL BE OPENED 5cm FOR BY-PASS OPERATION.AFTER FILLING WITH WATER THE DOWNSTREAM SIDE OF THE GATE AND OBTAINING BALANCED WATER PRESSURE CONDITION,GATE SHALL BE OPENED COMPLETELY.
- GATE CLOSING CONDITION: UNDER UNBALANCED WATER PRESSURE CONDITION.

NOTES:

- TOTALLY THERE IS 1 SET OF GATE AND 1 SET OF GATE GUIDE. AND 1 SET OF PLATFORM,HANDRAIL AND PIT COVER.
- TOTAL WEIGHT=27632 KG
- PAINTING SHALL BE APPLIED ACC. TO PAINTING SCHEDULE.
- EMBEDDED SURFACES IN CONCRETE SHALL NOT BE PAINTED.

TOLERANCES ACC. TO DIN 7168										
ANMA BOYLARI	0,5	1	3	6	30	120	375	1000	2000	4000
İnce Seri	±0,05	±0,05	±0,1	±0,15	±0,2	±0,25	±0,3	±0,4	±0,5	±0,6
Orta Seri	±0,1	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3	±4
Kaba Seri	±0,15	±0,2	±0,4	±0,6	±1	±1,5	±2,5	±4	±6	±8
Çok Kaba S.	±0,2	±0,3	±0,6	±1	±1,5	±2,5	±4	±6	±8	±10

NOTE:

- SURFACES CONTACT WITH CONCRETE WON'T BE PAINTED AND SANDBLASTED
- SURFACES CONTACT WITH WATER AND AIR WILL BE PAINTED ACCORDING TO THE TECHNICAL SPECIFICATION AND PAINT PROCEDURES

GENERAL PAINT TABLE					
PAINT SYSTEM		METAL SURFACES THAT SHALL BE PAINTED ACC TO OPERATION CONDITIONS		TOTAL DRY PAINT THICKNESS (mm)	
SURFACE PREPARATION	COAT PAINT LAYER NUMBER	COAT PAINT LAYER NUMBER	COAT PAINT LAYER NUMBER	COAT PAINT LAYER NUMBER	COAT PAINT LAYER NUMBER
GATES	PRIMER	PRIMER	PRIMER	PRIMER	PRIMER
	PRIMER	PRIMER	PRIMER	PRIMER	PRIMER

- 1.All levels in metres elevation.
- 2.All dimensions in mm unless otherwise stated.

B-02

Key to symbols

Reference drawings

Rev	Date	Drawn	Description	Ch'k'd	App'd

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AG E
 MÜHENDİSLİK FİRMA :
 CONTRACTOR
 AGE İNŞAAT VE TİCARET A.Ş
 TAHRAN CADDESİ ND19
 06700
 KAVAKLIDERE/ANKARA

Title
**Shuakhevi HPP
 Skhaltá Dam
 Tunnel Intake Service Gate
 General Layout
 Sheet 1 of 21**

Designed	V.ZEYBEK	Eng check	K.BEKTAŞ
Drawn	I.AYGÜN	Coordination	-
Dwg check	K.BEKTAŞ	Approved	K.BEKTAŞ
Scale at A1	1/50	Status	AS-BUILT
Rev	R0	Drawing Number	U-830-3151