

אפי קגנובסקי הנדסה (א.ק.ה) בע"מ

EFI KAGANOWSKI (E.K.E) Ltd.

206492#

PETROLEUM & ENERGY INFRASTRUCTURES Ltd

Eshel ShmulikTerminal

T-21

ENQUIRY SPECIFICATIONS FOR HOT ROOLLED CARBON STEEL PLATES

(Version 2)

19/1/17

Specifications for Hot Rolled Carbon Steel Plates for Repair of Cylindrical Storage Tank

שיפוץ מיכל דלק 22 – אשל שמוליק.

1. כללי:

חב' תשתיות נפט ואנרגיה מבקשת לרכוש פחי פלדה לשם שיפוץ דופן של מיכל דלק T-22 במסוף אשל שמוליק.
פח דופן, טבעת מיכל תחתונה, יתאם לתקן:
פחי חיזוק דופן יתאימו לתקן:
ASTM A516 Gr. 70
ASTM A283 Gr. C

2. אספקת הפחים:

- הספק ימציא אישורו של יצרן הפחים שתהליך הייצור נמצא תחת פיקוח אחת החברות LOYDS או חב' TUV.
- לפני אספקת הפחים לאתר – הספק יידרש להמציא את כל תעודות הטיב של בדיקת הפחים אשר מיועדים לשיפוץ המיכל.
על כל פח ופח יהיה מוטבע מספר סידרת הייצור אשר זהה למספר התעודה, כך שהזיהוי יהיה חד ערכי של כל פח ופח.

Standard Specification for Pressure Vessel Plate: Carbon Steel, for Moderate- and Lower-Temperature Service

General

Hot rolled steel plates with sheared edges in accordance with ASTM Specifications for **ASTM A516 Gr. 70** carbon plate, with carbon content of max: 0.28%.

Marking

Each plate shall be dying stamped according to ASTM A-6 and in addition with identification marks as shall be specified by purchaser in his order specification.

Chemical Tests

Chemical composition of plates shall be certified by report analysis for each heat.

Carbon max:	0.28
Manganese max:	1.2
Phosphorus max:	0.035
Silicon:	0.40

Mechanical Tests:

The following tests shall be made for guaranteed mechanical properties:

- Longitudinal Tensile Test-
- .Longitudinal Bend Test

Mechanical properties of plates shall be certified by report for each heat:

Tensile strength:	70,000-90,000 psi.
Yield point (min):	30,000 psi.

Tolerance:

All tolerances for weight, thickness camber, with length in accordance with ASTM standard.

Inspection

Plates will be inspected by well-known firm and certificates of compliance with the order specifications issued according to EN EN10204 3.2 demand.

Packing List

A complete detailed packing list should accompany the shipment of the plates.

Standard Specification for Low and Intermediate Tensile Strength Carbon

General

Hot rolled steel plates with sheared edges in accordance with ASTM Specifications for **ASTM A283 Gr. C** carbon plate with content of max: 0.24%.

Marking

Each plate shall be dying stamped according to ASTM A-6 and in addition with identification marks as shall be specified by purchaser in his order specification.

Chemical Tests

Chemical composition of plates shall be certified by report analysis for each heat.

Carbon max: 0.24

Manganese max: 0.90

Phosphorus max: 0.035

Sulphur max: 0.04

Silicon: 0.40

Mechanical Tests:

The following tests shall be made for guaranteed mechanical properties.

. Longitudinal Tensile Test

.Longitudinal Bend Test

Mechanical properties of plates shall be certified by report for each heat:

Tensile strength: 55,000-75,000 psi.

Yield point (min): 30,000 psi.

Tolerance:

All tolerances for weight, thickness camber, with length in accordance with ASTM standard.

Inspection

Plates will be inspected by well-known firm and certificates of compliance with the order specifications issued according to EN EN10204 3.2 demand.

Packing List

A complete detailed packing list should accompany the shipment of the plates.

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רשימת פחים למיכל.

סה"כ	רזרבי	כמות	גודל לוח	סוג פלדה	מסד
1	0	1	/6000/200016	ASTM A516 Gr. 70	1
2	0	2	6000/20/0010	ASTM A283 Gr. C	2
5	1	4	6000/2000/22	ASTM A516 Gr. 70	3

(ראה סעיף 1 – תיכון סוג פלדה)