API-653 TANK INSPECTION REPORT

Tank ID: Tank 6

Service: Fish Oil

Product: Not specified

Capacity: 14,604 Barrels BBL

Location: Centerville, LA

Report Number: TK6-BIRLA-LR0328

Inspection Date: 2021-08-11

Inspector: Chris Welch

API-653 Certification: 24024

OILPRO CONSULTING

A LIMITED LIABILITY COMPANY

811 Dafney Drive

Lafayette, LA

Office – (337) 446-7459

Contact: Jerry Hartfield

Prepared in accordance with API Standard 653

EXECUTIVE SUMMARY

Tank Status Summary

Overall Status: ACCEPTABLE

Total Measurements: 12

Shell Measurements: 0

Bottom Measurements: 0

Roof Measurements: 0

Minimum Remaining Life: 318.4 years

Average Corrosion Rate: 0.000 mpy

Critical Repairs: 0

High Priority Repairs: 0

Key Findings

• Tank is in acceptable condition

• No critical issues identified

Next Inspection Schedule

Next Internal Inspection: 9/5/2035 (10 years)

Next External Inspection: 9/5/2040 (5 years)

TANK SPECIFICATIONS

Tank ID:	Tank 6	**Roof Type:**	Cone
Service:	Fish Oil	**Bottom Type:**	Single Bottom
Product:	Not specified	**Foundation Type:**	Concrete Ringwall
Diameter:	45.00 ft	**Design Standard:**	Unknown
Height:	32.00 ft	**Specific Gravity:**	1.10
Capacity:	14,604 Barrels BBL	**Manufacturer:**	B.A. Rothchild Boiler Tank Work
Construction Year:	1954	**Last Internal:**	Not specified
Shell Material:	Carbon Steel	**Design Code:**	Not specified

API-653 CALCULATIONS

Minimum Required Thickness Calculations (t-min)

Formula: t-min = 2.6 × D × (H - 1) × G / (S × E)

Where:

D = Tank diameter (ft)
H = Height of liquid above point (ft)
G = Specific gravity
S = Allowable stress (psi)
E = Joint efficiency

Course	H (ft)	t-min (in)	Current (in)	Margin (in)	Status

Corrosion Rate Summary

Average Corrosion Rate: 0.000 mpy

Maximum Corrosion Rate: 0.001 mpy

Minimum Corrosion Rate: 0.000 mpy

Total Measurements with Corrosion Data: 12

CORROSION RATE ANALYSIS

Corrosion Rate by Component

Component	Measurements	Avg Rate (mpy)	Max Rate (mpy)	Min Life (yr)

Corrosion Rate Distribution

0-2 mpy: 12 measurements (100.0%)

2-5 mpy: 0 measurements (0.0%)

5-10 mpy: 0 measurements (0.0%)

>10 mpy: 0 measurements (0.0%)

INSPECTION FINDINGS

Inspection Checklist Summary

external: 0/22 items checked

thickness: 0/4 items checked

internal: 0/21 items checked

Critical Findings

No critical findings identified

RECOMMENDATIONS

CERTIFICATION

I certify that this tank has been inspected in accordance with API Standard 653 and all applicable codes and standards. The inspection was performed using appropriate methods and calibrated equipment.

Based on the inspection findings and calculations presented in this report, the tank condition and remaining life have been evaluated per API-653 requirements.

Lead Inspector	Date
API-653 Certification #	Review Date

Inspector: Chris Welch

Certification: 24024