



NCS-AFL-01



**LWG ENVIRONMENTAL AUDIT PROTOCOL
SUMMARY REPORT**

Issue 6.7.0

**Annai Fathima Leathers
No.25, Old Thiruthani road
Ranipet - 632 401
Ranipet Dist., Tamil Nadu
INDIA**

September 2020



Nati Consulting Services

AUDIT REPORT

For

A. Gnanapaul

by



Viswanathan Munusamy, LWG Auditor

STRICTLY CONFIDENTIAL

Audit Result Summary

	% Score	Rating
Environmental Performance	89.34%	BRONZE
	% physically marked	% documentation only
Material Traceability	0	0

Primary processing scope for tannery audit	Category A: Raw hides/skins to tanned hides/skins		
The following activities also undertaken	Nil		
The types of leathers produced are	Wetblue, contract tanning		
Checked on IPE web-site	N/A		
The number of sub-contractors used is	Nil		
Audit number	1	Continuous member since	21 September 2020

	Max	Minimum requirement				Actual
		Gold	Silver	Bronze	Audited	
General facility details	-	-	-	-	-	
Operating permits	100	85.0	75.0	65.0	0	100
Tannery data	100	85.0	75.0	65.0	0	96.85
Environmental management systems	100	85.0	75.0	65.0	0	92
Restricted substances	100	85.0	75.0	65.0	0	89.5
Energy consumption	100	85.0	75.0	65.0	0	90
Water usage	100	85.0	75.0	65.0	0	100
Air & noise emissions	100	85.0	75.0	65.0	0	100
Waste management	100	85.0	75.0	65.0	0	87.89
Effluent treatment	100	85.0	75.0	65.0	0	100
Emergency plans	100	85.0	75.0	65.0	0	90
Housekeeping	100	85.0	75.0	65.0	0	68.01
Non Critical Sections	0					
Manufacturing processes	75					52
Beamhouse processes	60					35
Post-tanning processes	0					0
Finishing processes	0					0
Complaints and public relations	20					20
Total	1255					1121.25
Minimum Award Percentage		85%	75%	65%	50%	89.34%

Audit completed by	Nati Consulting Services
Auditor	Viswanathan Munusamy
Date the audit was conducted	21 – 22 September 2020
The next audit is due	21 September 2022
Audit protocol	* LWG - Issue 6.7.0, July 2020

*The audit was conducted in accordance with the procedures and guidelines specified in the "Tannery Environmental Auditing Protocol" prepared and issued by the Leather Working Group: Issue 6.7.0 July 2020. The assessment was based on sampling and therefore nonconformities may exist which have not been identified.

Key Comments and Observations

Annai Fathima Leathers (AFL) located in Old Thiruthani Road, Ranipet, in which several tanneries and shoe factories are located. This tannery produces cow, goat & buff wetblue from raw hides / skins. This tannery has got installed capacity of producing 600,000 ft² per month.

This tannery is member of Ranitec CETP to treat their trade effluent till RO using ZLD system. This tannery has permission to process until finished leather, however at present the tannery is producing up to wetblue only.

General comments on overall management

The tannery has prepared well for the audit. The housekeeping is good, but it requires further improvement. The calibration of instruments is water meter and weighing scale, calibrated periodically. While the control of process parameters such as pH, float level and duration of operation are controlled, the use of bactericide should be controlled.

This is the first audit for this tannery and achieved Silver rating in this audit.

Operating permits

The tannery seems to be operating well within the permit limits.



Figure 1: Entrance to Annai Fathima Leathers, Ranipet, Tamil Nadu, India



Figure 2: Inside the gate towards production halls and office

Tannery data

The tannery produces wetblue leathers, also undertakes contract tanning. Chrome uptake is controlled and the chrome sludge is sent to coprocessing in cement factories. Chrome does not enter environment.

Raw Material Traceability

Traceability of materials is only up to country level.

Environmental management systems

Environmental management systems is implemented, employees seem to be aware of the policy and environmental preferences. Reviews are periodical, may be the tannery could review more frequently.

Restricted substances

Restricted substances are obtained from customers, as of now only one customer have provided their requirement. Communication with customers is done once. Test reports are available for whole product lines. Documentation on compliance to own specifications is not available for bulk chemicals.

Energy Consumption

Energy consumption is at Gold rating.

Water usage

Water consumption is also at Gold rating. Recycled water is also used in process.

Air & noise emissions

Point source air emissions is only from diesel generator. Monitoring of ammonia is done, but it is fugitive emission. No VOC is used, as the production is Category A.

Waste Management

Waste management procedure is developed and implemented. Storage of wastes can be improved further. All wastes are handled by authorised agencies.

Effluent treatment

The tannery is connected to Ranitec CETP for effluent treatment. The effluent after pre-treatment, namely screening and plain settling, is sent to CETP. Flow and conductivity based total dissolved solids are measured and data is stored. The CETP is operating on zero liquid discharge basis.

Emergency plans

The tannery seems to have adequate emergency provisions including self-contained breathing apparatus for use in case of hydrogen sulphide gas emergency.

Housekeeping

Housekeeping is performed well, but the tannery can improve further. The score in this section is Bronze. In order to get higher score, the tannery should improve housekeeping, particularly wherever the score is lesser than the maximum. It is recommended to the tannery to install active guard in the fleshings machine in addition to the emergency switches.



Figure 3: Wetblue store

Recommendations

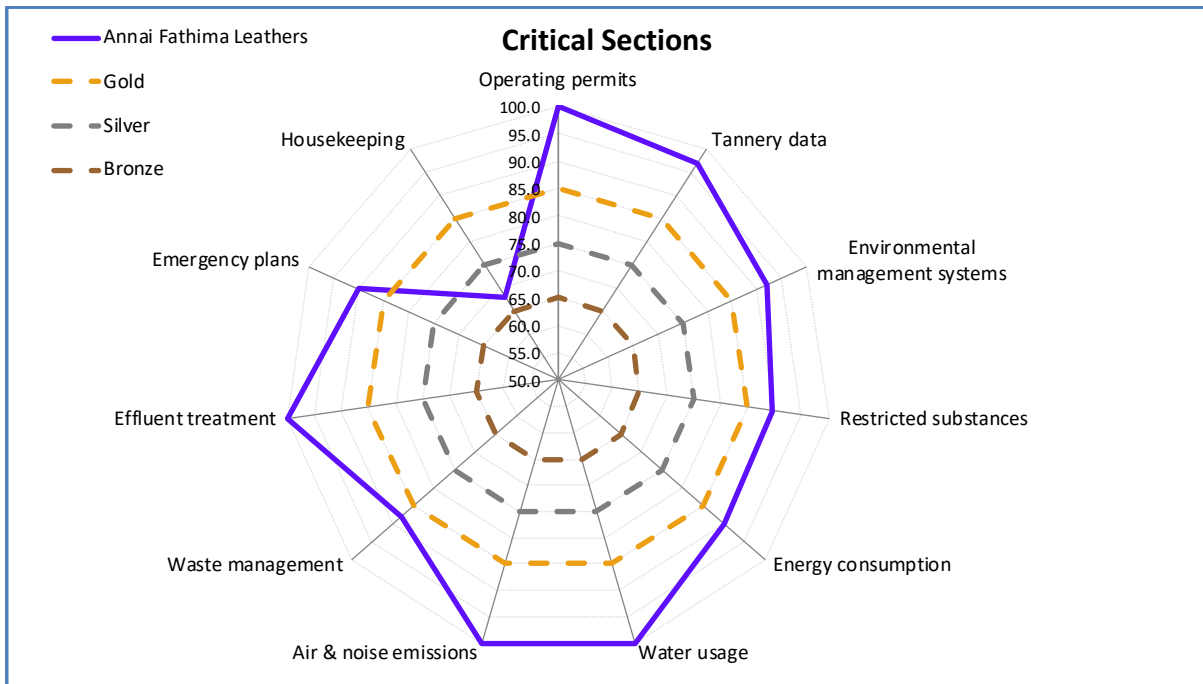
- Supplier documentation on compliance to own specifications should be obtained including bulk chemicals, if compliance tests are not performed by the tannery.
- Storage of wastes can be improved further.
- In order to get higher score in housekeeping, the tannery should improve housekeeping, particularly wherever the score is lesser than the maximum. It is recommended to the tannery to install active guard in the fleshings machine in addition to the emergency switches.

Documents provided and filed with the report:

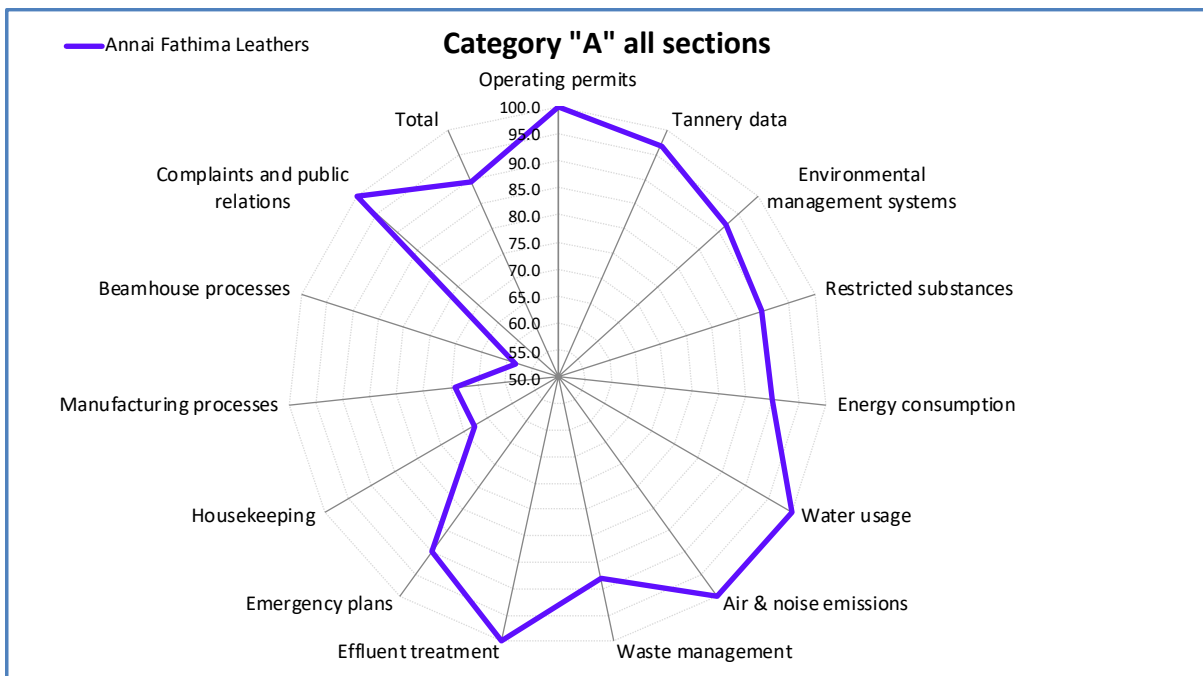
- Site plan;
- List of emissions inventory
- List of operating permits
- Recovered water test results from CETP
- Photos

Graphical Performance

Radar Graph 1,
 “Critical Sections” scores in comparison with Gold, Silver and Bronze targets



Radar Graph 2
 Scores as a percentage of the possible total.



These graphics are best viewed on computer screen or when printed in colour.

Notes

The assessment was based on sampling and therefore nonconformities may exist which have not been identified.

If you wish to distribute copies of this report external to your organisation, then all pages must be included.

Regulatory Compliance

The conditions of contract for this audit require that the auditor be informed of all regulatory non-compliance or incidents that require notification to any regulatory authority. Acceptance of this report by the client signifies that all such issues have been disclosed as part of the assessment process and agreement that any such non-compliance or incidents occurring after this visit will be notified to the auditor as soon as is reasonably practical.