

STANDARD OPERATING PROCEDURE (SOP) Mizoram-a Brewery leh Winery Unit te tan

Technical, Food Safety, Local-Sourcing, Production leh Traceability - The Mizoram Liquor (Prohibition) Amendment Act, 2025 hnuaia mamawhna te

SOP siam anih chhan : Mizoram chhunga Brewery leh Winery Unit te tan inkaihhraina dan leh technical chungchanga kaihhraina mumal tak a awm theih nan a siam a ni. Chung zingah chuan tualchhung thlai lak khawm dan chungchang te, thawktu technical lak dante, local fruit beer emaw wine siam dan chungchang te, batch test dan te, lehkha vawn that dante, product sem darh dan te, product pawm dan te leh a chhui let theihna tur thleng in a huam a ni. Unit neitu emaw a a enkawl authorized ten he hi an zawm ngei ngei tur a ni. He SOP hi a hun a zir a ennawn thin tur a ni a, Mizoram Liquor (Prohibition) Amendment Act, 2025 te, Food Safety and Standards Authority of India (FSSAI) rules & regulation te, leh Mizoram Sorkarin thuneitu a ruat te thupek nen inmil tura siam that thin tur a ni.

He SOP hi Mizoram-a licensed brewery leh winery unit zawng zawng te tan hman tur a ni a, Mizoram Liquor (Prohibition) Act leh Rules te, Excise & Narcotics Department in excise duty leh fees chungchangte, leh FSSAI-in product quality leh labelling atan a dan a siam te zawm belh chung a hman tur a ni.

Licensed brewery/winery unit ten an zawm tur SOP te chu:

1. Raw Material Chungchang

Brewery leh Winery unit license pek chhuah zawng zawng ten an raw-materials, entirnan- thei leh thlai te, thlai chi, buh chi, hmarcha leh huan leh lo atanga thar chhuah dang zawng zawng wine leh local fruit beer siam nana hman tlak te chu Mizoram a thar chhuah chauh an hmang tur a ni.

(Section 2(ae), Section 2 (3) (qb) & Section 45D (1) (a) of MLP Amendment Act 2025)

2. Kuthnathawktu hnen atanga raw material leina ziaka document (procurement record) vawn that dan tur

Kuthnathawktu emaw supplier hnen atanga thil lei apiangin, winery/brewery unit te chuan original invoice/challan leh a copy pakhat chu dah tha-in kum 1 chhung tal an vawng tha tur a ni. Sorkar hotuten an duh huna an endik theih turin an dah tur a ni. Document ah chuan kuthnathawktu/supplier leh a siamna unit aiawhtu authorised ten hming an ziah hnan tur a ni a, supplier details, raw material, a zat (quantity), a ni (date), a hlut zawng leh pawisa pek dan te ziah lan tur a ni. Procurement record tin chu, a theih ang ang chuan, eng production batch-ah nge hman a nih tih nen thlunzawm tur a ni.

(Section 45 J (1) (a) of MLP Amendment Act 2025 & Rule 7(5) of MLP Rules 2025)

3. Product-Specific Licensing (Thil siam tur bik License)

Brewery/ winery Unit tin ten an license-in a phal chin product leh chi (category) chauh an siam tur a ni. Product thar, a siam dan thar, thei thar, buh chi thar, rim (flavor) thar, a upna atana hman chi (fermentation substrate) thar emaw product chi thar reng reng chu, thuneitute hnenah hriattir hmasak leh an phalna lak hmasak loh chuan siam phal a ni lo. Winery/ brewery unit te chuan thuneituten a label an pawm sak chauh an hmang tur a ni. License nei zawng zawng ten hna an tan ni tur leh an chawlhsan dawn ni tur chu Commissioner of Excise & Narcotics hnenah lehkha ziakin an hriattir tur a ni a, hna tan hmain ni 15 hma tal leh hna chawlhsan hmain thla 1 hma tala hriattir tur a ni.

(Rule 8 under MLP Rules 2025)

4. In-House a Technical Expert neih ngei ngei tur

Brewery / winery Unit tin ten unit-a thawk tur Food Technologist / Brewing Technologist / Alcohol & Wine Technologist / Biotechnologist / Microbiologist emaw a kaihnawih thiamna nei mi pakhat tal an chhawr ngei ngei tur a ni a, production leh testing an lo vil tur a ni. Thawk tura an rawih technical mi certificate original chu thuneitute hmuh theih in a awm tur a ni a, a copy chu production tan hmaa thehluh tur a ni. Technical expert chuan raw material lak luh te, a siam dan turte, a up dan tur te, a siamna te, a thianghlimna te, a quality control te, a testing te leh lehkha vawn that leh batch release te a vil tur a ni. Technical mi rawih te thlak danglam an nih dawn reng rengin Excise & Narcotics department hriattir zel tur ani.

5. In-House Quality Control leh Batch Testing

Brewery / winery Unit tin ten an siam zat mil tawh in-house quality-control/testing hmun an nei tur a ni. Batch tinah technical sheet an nei tur a ni a, chungte chu (thuneitu thu angin thlak theih a ni):

Batch Identification Number	Raw-material (Name, Source & Quantity)	Other materials used for formulation (Name, Source & Quantity)	Production start date and end date		Vessel/tank number
Fermentation parameters (Duration & Temperature)	Alcohol strength % (abv)	Total Acids (%)	Volatile acid (%)	Residue on evaporation (%)	Production quantity

Batch tin sample (2 litre tal) chu kum 1 chung tal batch chhui let theihna turin vawn that tur a ni. In-house-a tih theih bakah FSSAI manual anga test kimchang zawk chu manufacturing cycle zawh apiangin FSSAI-in a pawm laboratory-ah tih tir tur a ni.

(Rule 29 (3) of MLP Rules 2025)

A bul atanga a tawp thlenga chhui let theihna turin (End-to-End Traceability), thil siam zawh tawh te chu hetiang hian a chhui let theih tur a ni:

Loneitu/Supplier → Raw Material → Production Batch → Fermentation → Processing → Testing → Packaging → Distributor/Stockpoint.

6. Controlled Distribution (Product sem darh dan tur)

Brewery leh winery unit te chuan phalna nei lovin an product siam zawh tawh chu tu hnenah mah - cafe, restaurant, hotel emaw kutpui/festival dangah pawh - an hralh emaw an pe chhawng tur a ni lo. Thil siam zawng zawng chu department thuneituten distributor leh stockpoint license an pek te kaltlang chauhva hralh tur a ni a. Thil sem chhuah apiangin invoice/challan dik tak, batch-wise a zat record na leh hologram a awm ngei tur a ni.

(Rule 34 (1) & Rule 38 of MLP Rules 2025)

7. Standard Production Line-a Khawl, Hmanrua leh Tui hman dan tur

Brewery leh winery unit zawng zawng ten hmanrua/bungbel food-grade (SS 304), an license-in a phal production process nen inmil ngei an hman tur a ni. Unit chuan raw-material buatsaihna tur, product siamna tur, fermentation tihna tur, a lum leh vawt thununna tur, dah thatna tur, a tul anga filtration/clarification tihna tur, pack-na tur, tihfaina tur leh quality test-na tur hmanrua tha tawh an nei tur a ni.

Wine/ local fruit beer siamnaa direct-a hman tur tui emaw product nen in tawhna apianga hman tur tui chu in tlak leh ei tur siamna atana hman tlak ani ngei tur a ni. Reverse Osmosis (RO) / In tlak tui (potable water) ngei hman tur a ni a, food-grade pipe hmangin fermentation vessel thleng thiar tur a ni. Tui hman tur chu kum khatah vawi 2 tal (a tlem berah) NABL accredited laboratory (entirnan - Public Health Laboratory, PHE Deptt, Tuikhuahtlang)-ah test tir tur a ni a, a physico-chemical leh microbiological test report chu vawn that tur a ni. Khawl pawimawh zawng zawng, fermentation vessel, tank, pipeline, heat exchanger, thunna khawl leh a dangte chu fai leh thianglim taka enkawl tur a ni.

8. Endikna leh Dan kenkawh dan tur

Certificate zawng zawng, laboratory report, production record, chhiah pekna lehkha leh danin a phut lehkha dang zawng zawng chu vawn that tur a ni a, endik duh hunah enturin a awm thei tur a ni. A unit hmun leh record te chu Sorkar hotute endik theih tura hawn reng tur a ni.

He SOP zawm lo te chu Mizoram Liquor (Prohibition) Amendment Act 2025-in hremna a siam anga hrem an ni ang.

9. Dan zawm tur dangte

Mizoram Liquor (Prohibition) Amendment Act, 2025 hnuaia brewery/winery licence neih avang ringawt hian dan dang -entirnan Sorkar phalna ngai thil dang tes, chhiah te,

boruak thianghlimna lam te, ei tur himna lam te, industry lam dan te, hnathawktu chunchanga kaihhraina dan te, mei venhimna lam te emaw khawtlang rorelna ten a phut te lak atanga fihlimna anga ngaih tur a ni lo. A pawimawh zual thenkhat tarlan theih te chu-

- **FSSAI dan zawm tur:** Brewery leh winery unit zawng zawng ten FSSAI dan - ei tur himna, alcohol beverage standard, hman phal ingredient leh additive, ingredients, a thianghlimna, packaging leh labelling, product test, bawlhhlawh dang a awm tur a ni lo tih chungchang te leh ei tur himna dan dang zawng zawng an zawm ngei tur a ni.
- **Industry, Factory leh Labour dan zawm tur:** Brewery leh winery unit zawng zawng ten industry, factory, labour leh hnathawktu hriselna leh himna dan an zawm ngei tur a ni. Production unit chuan kangmei thelhna hmanrua tha tawh, rikrum thila chhuahna, first-aid, taksa venhimna hmanrua leh chemical tihfai na tur, thahfaina (sanitation) tur leh thil hlauhawm dang dah thatna him an nei tur a ni. Hnathawktute chu emergency-a chet dan tur training pek tur an ni.
- **Chhiah leh Sum lam dan zawm tur:** Brewery leh winery unit zawng zawng ten excise duty, chhiah leh a kaihhnawih sum lam dan ding lai an zawm ngei tur a ni.
- **Pollution Control, Bawlhhlawh Enkawh leh Paih dan:** Brewery leh winery tin ten Mizoram Pollution Control Board / thuneitu dangin dan hnuaia boruak thianghlimna atana dan an siam te an zawm ngei tur a ni. A chhuak bang – entirnan, buh chhum bang, thei sawr bang leh organic bawlhhlawh dang te chu felfai tak a paih fel zel tur a ni.

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