

**Steps involved in obtaining Statutory Approvals for Ethanol Plants / Distilleries**

**A. Before Construction –**

|    | <b>Details</b>                 | <b>Authority</b>  | <b>Documents required</b>   | <b>Remarks</b>  | <b>Estimated Time Required</b> |
|----|--------------------------------|---|---|---|--------------------------------|
| 1. | <b>ENVIRONMENTAL CLEARANCE</b> | STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC) & STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY (SEIAA); <b>STATE POLLUTION CONTROL BOARD</b> | <ul style="list-style-type: none"> <li>• <b>PROJECT TECH. PRE-FEASIBILITY REPORT</b></li> <li>• <b>FORM – 1</b> TO INCLUDE EFFLUENT TREATMENT SCHEME FOR ZLD &amp; WATER BALANCE</li> <li>• LOCATION &amp; LAND DOCUMENTS</li> <li>• SITE LOCATION PLAN / PLOT PLAN</li> <li>• COPY OF IEM &amp; PESO * CLEARANCE ( LATER STAGE)</li> <li>• COPY OF WATER PERMISSION FROM CGWB/CGWA ( LATER STAGE)</li> </ul> | <b>GRAINS / NON-MOLASSES/ SUGAR SYRUP BASED ; CAPACITY &lt; 200 KLPD</b><br><br><b>MOLASSES BASED ; CAPACITY &lt; 100 KLPD</b><br><br><b>INVOLVES 3 MONTHS EIA REPORT FOLLOWED BY PUBLIC HEARNING</b> | 180 Days/expansion 30 days     |
|    |                                | STATE EXPERT APPRAISAL COMMITTEE (SEAC) ; <b>MINISTRY OF ENVIRONMENT, FORESTS &amp; CLIMATE CHANGE – NEW DELHI</b>                                  | <ul style="list-style-type: none"> <li>• <b>PROJECT TECH. PRE-FEASIBILITY REPORT</b></li> <li>• <b>FORM – 1</b> TO INCLUDE EFFLUENT TREATMENT SCHEME FOR ZLD &amp; WATER BALANCE</li> <li>• LOCATION &amp; LAND DOCUMENTS</li> <li>• SITE LOCATION PLAN / PLOT PLAN</li> <li>• COPY OF IEM &amp; PESO * CLEARANCE ( LATER STAGE)</li> <li>• COPY OF WATER PERMISSION FROM CGWB/CGWA ( LATER STAGE)</li> </ul> | <b>NON-MOLASSES ; GRAINS / SUGAR SYRUP ; CAPACITY ≥ 200 KLPD</b><br><br><b>MOLASSES BASED ; CAPACITY ≥ 100 KLPD</b><br><br><b>INVOLVES 3 MONTHS EIA REPORT FOLLOWED BY PUBLIC HEARNING</b>            | 180 days/30 days.              |

CONTD...

|           |                                  |   |  |                               |  |
|-----------|----------------------------------|---|--|-------------------------------|--|
| 2.        | WATER - Sanction for Water Usage | <p><b>Central Ground Water Authority,</b><br/> Ministry of Water Resources OR Central Ground Water Board OR State Competent Authority</p> | <ol style="list-style-type: none"> <li>1. Application in prescribed format</li> <li>2. Referral letter from statutory bodies viz Ministry of Environment, Forest &amp; Climate Change (MoEFCC) or State Pollution Control Board (SPCB) or State Level Expert Appraisal Committee (SEAC) or State Level Environment Impact Assessment Authority (SLEIAA) {As per Guidelines clause D (e) &amp; (f)}.</li> <li>3. Site Plan and Certified Revenue Sketch {As per Application form Sl. No. 1(ii)}. (Sample referral letter is attached).</li> <li>4. Flow Chart showing details of Water Requirement and Recycled Water use at each stage {As per guidelines clause D (f) and As per annexure III Application for abstraction of ground water for industrial use Sl. No. 2}.</li> <li>5. Certificate of Water availability from government water supplying agency {As per annexure III, Application for abstraction of ground water for industrial use Sr. No. 2(i)}.</li> <li>6. Proposal for rainwater harvesting / artificial recharge as per the “Guidelines / Criteria for Evaluation of Proposals / Requests for Ground Water Abstraction (with effect from 15.11.2012)” {As per Guidelines clause B I}.</li> <li>7. In case, the water harvesting / artificial recharge structure is proposed to be constructed outside the area of the industry, NOC is required from that agency/ authority where the structure is proposed. {As per annexure III, Application for abstraction of ground water for industrial use Sr. No. 5}.</li> <li>8. NOC for ground water withdrawal from Local Administration (Gram Panchayat/ Municipality/ Town Area Committee/Notified Area Committee/ Municipal Corporation/ Urban Local Authority / Industries Department in designated industrial areas) in case of Beverages, Mineral Water and Packaged Drinking Water industries. (As per letter issued for refinement of guidelines Sl. No. 3).</li> <li>9. Comprehensive report on groundwater conditions in and around 5 km of the areas required if the industry extracts groundwater 500 m<sup>3</sup>/day or more and/or having a land area of more than 2 hectare. {As per annexure III, Application for abstraction of ground water for industrial use Sl. No. 4}.</li> </ol> | If Water used is Ground Water | MINIMUM 30 days from date of application |
| <b>OR</b> |                                  |   |  |                               |  |

|  |                                  |   |   |                                |                          |
|--|----------------------------------|---|---|--------------------------------|--------------------------|
| 3.   | WATER - Sanction for Water Usage | State Irrigation Department                                   | 1. Application in prescribed format   | If Water used is Surface Water | Timeline is not fixed    |
| 4.   | Factory License                  | Factory Inspector, Labour Resources Department, Govt of Bihar | <ol style="list-style-type: none"> <li>1. Application Form for the Consent.</li> <li>2. DD For the statutory Fees Amount.</li> <li>3. Lease Agreement copy with owner Or 7/12 Copy.</li> <li>4. Grampanchayat NOC copy in name of Company.</li> <li>5. Final drawing copy of factory and layout copy.</li> <li>6. Declaration for the investment and Project profile by Chartered accountant.</li> <li>7. Water Budget means input water, uses, applications, losses, recycled, Effluent.</li> <li>8. Manufacturing Process with flow diagram.</li> <li>9. SSI Registration Or IEM Registration. Copy.</li> <li>10. Process Flow Diagram.</li> <li>11. M.O.A. Copy.</li> <li>12. List of Raw Material with monthly or annual consumption.</li> <li>13. List of manufacturing Products with monthly or annual consumption.</li> <li>14. Details of the Generators or boilers.</li> <li>15. Details of the Stack and the chimney.</li> <li>16. Details of hazardous and non-hazardous waste, treatment and disposal.</li> <li>17. ETP/STP scheme, process and diagram.</li> </ol> |                                | 15 days                  |
| 5.   | Boiler Inspector                 | Local Boiler Inspector  | 1. Application in prescribed format   |                                | 15 days                  |
| 6.   | Sanction for Electricity         | Local Electricity Board                                       | 1. Application in prescribed format   |                                | 7 to 15 days             |
| <p><b>EC Procedure –</b></p> <ol style="list-style-type: none"> <li>1. Application with required document to be submitted to SEAC for Terms of Reference (ToR). The expert committee calls for a presentation. Presentation to be given to committee with prior soft &amp; hard copies to committee members. Approx. 15 days after presentation committee clears the case through a MoM – Issuance of Terms Of Reference (ToR).</li> <li>2. After clearance through MoM (ToR), 3 months Site Data needs to be collected. After data collection, Environmental Impact Assessment (EIA) Report is compiled and the application process is initiated - ONLINE.</li> <li>3. On submission of EIA Report alongwith application, Dates for conducting the Public Hearing &amp; Consultation are given for Site, which can be conducted within 40-45 days as 30 days Notice is required in local newspapers / Dailies. Public Hearing is conducted by State PCB authorities involving The District Magistrate / SDM.</li> <li>4. After submission of EIA report with proceedings of Public Hearing, the Expert Appraisal Committee calls for final Presentation. Committee then recommends the case to SEIAA committee for grant of Environmental Clearance.</li> <li>5. Based on recommendations, the SEIAA committee may call for final presentation / clarifications Or issue the Environmental Clearance (EC).</li> </ol> |                                  |   |   |                                |                          |
| 7.   | <b>Consent to Establish CTE</b>  | Bihar State Pollution Control Board                           | <ol style="list-style-type: none"> <li>1. Application in prescribed format</li> <li>2. Process details</li> <li>3. Waste Water Treatment Process</li> <li>4. ENVIRONMENTAL CLEARANCE - COPY</li> <li>5. Affidavit by CA for Project Investment</li> <li>6. NOC of Local Bodies, if any</li> </ol>   |                                | <b>120 days</b>          |
| 8.   | Letter of Intent (LoI) from      | Prohibition Excise &  | 1. Application in the prescribed format affixed by  |                                | Given in 1 to 2 days for |

|     |  |   |  |  |                     |
|-----|--|---|--|--|---------------------|
|     | Excise   | Registration Department,<br>Government of Bihar | <ul style="list-style-type: none"> <li>1. court fee stamp and Challan of application fee (As per State Policy)</li> <li>2. Certificate of Company Registration</li> <li>3. If partnership firm, copy of partnership deed. And if company, copy of Memorandum &amp; Articles of Association</li> <li>4. List of Directors</li> <li>5. In case of company if Directors has previous business, affidavit of “no dues pending of sales tax / income tax” of previous business</li> <li>6. Sales Tax &amp; Income Tax Certificate</li> <li>7. Project report in detail</li> <li>8. 4 copies of Plan of proposed project layout</li> <li>9. Process Block Diagram</li> <li>10. Affidavit of Project Cost</li> <li>11. NOC of Local Governing Body such as Grampanchayat etc.</li> <li>12. Copy of application made to concern Authority for electricity supply</li> <li>13. Documentary evidence of the proposed premises i.e. copy of sale deed, 7/12 , property card</li> <li>14. Non Agricultural land certificate/CLU</li> <li>15. Copy of application to Pollution Control Board</li> <li>16. I.E.M. from Central Government</li> </ul> |  | a period of 1 year. |
|     | <p><b>Procedure –</b></p> <ol style="list-style-type: none"> <li>1. Application is made to Excise Commissioner who forwards it to Excise Ministry. Excise Ministry forwards it to Home Ministry who orders local police for verification.</li> <li>2. Once verified Excise department releases <b>Letter of Intent (Irada Patra)</b> which mentions that project needs to be completed within the time specified in application and meet requirements of Pollution control board.</li> </ol> |   |  |  |                     |
| 9.  | Explosives License & PESO  | Regional office of Industry                     | <ul style="list-style-type: none"> <li>1. Application in prescribed format</li> <li>2. Statutory Fees</li> <li>3. Ethanol Storage Section Layout</li> <li>4. Site Location Plan / Plot Plan</li> </ul>   |  | 21 days             |
| 10. | NOC for Fire Safety Provisional/ FIRE INSPECTOR  | Fire Directorate, Home Department, Bihar        |  |  | 30 days             |

**B. After Construction –**

|    | <b>Details</b>                              | <b>Authority</b>  | <b>Estimated Time required</b>          |
|----|---|---|---|
| 1. | Factory & Safety                            | Factory Inspector, Labour Resources Department, Govt of Bihar | 30 Days                                 |
| 2. | NOC for Fire Safety Final/ Fire Directorate |   | 30 Days                                 |
| 3. | IBR   | Local Boiler Inspector  | 1 - 1 ½ Months from date of application |
| 4. | Electrical Inspector                        | Local Electrical Authority, NOC                               | 13 days                                 |
| 5. | Tank & flow Meter Gauging                   | Weights & Measures department, certification                  | 30 Days                                 |
| 6. | <b>Excise License</b>                       | <b>State Excise Department</b>                                | <b>1 month</b>                          |
| 7. | <b>Consent to Operate</b>                   | <b>Local Pollution Control Board</b>                          | <b>120 days</b>                         |