Federation of Indian Petroleum Industry

OIL & GAS INDUSTRY A W A R D S 2022



Entry Form

Refinery of the Year

Name of the Organisation & Refinery: \_\_\_\_\_\_\_\_\_

Closing date for submission:

September 06, 2022

Website: www.fipi.org.in

**Eligibility Criterion**

**&**

**Checklist**

The award is open to individual crude oil refineries operating in India. Companies are encouraged to apply for individual refineries separately for their leadership in performance in refining of crude oil in India during the year of award.

Please apply a tick mark (√) against the box whichever is applicable.

1. Presence in India as an individual crude oil refinery
2. Category of the applicant refinery
3. < 9.0 MMTPA Capacity
4. > 9.0 MMTPA Capacity

**Award Objective**

‘The Refinery of the Year’ awards are given in recognition of leadership in performance in refining of petroleum in India.

Please carefully read the Terms and Conditions of the FIPI Awards Scheme, <https://www.fipi.org.in/Upload/Awards_TermsConditions.pdf>

Questionnaire

|  |  |
| --- | --- |
| Name of Company/ Refinery |  |
| Mailing Address:  |  |
| Details of approving authority:***Note:*** *Approving authority should not be below the rank of Head of the department/Unit Head/Regional head/Director/CEO.* |  |
| Name: |  |
| Title:  |  |
| Phone number:  |  |
| E-mail address:  |  |
| Signature: |  |
| Name and contact details of the official to be contacted in case of any query with regard to the application |  |
| Please specify name and designation of the person(s) who will be accepting the award if the applicant is chosen as the winner: |  |

|  |
| --- |
| **Please provide a brief write up on your Refinery.** Write up by applicant (not more than 300 words)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |
| --- |
| **Please mention the justification for applying for this award along with key achievements during 2021-22**Write up by applicant (not more than 300 words)**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

**Quantitative Information**

| **Sr. No.** | **Evaluation parameters** | **Response** |
| --- | --- | --- |
|  | **Production Efficiency** |
|  | **Primary capacity utilization during 2021-22 (%)** |  |
|  | Note 1. Average of previous three years actual processing or name plate capacity, whichever is higher will be adopted for % calculations.
2. Details may be provided for any unit commissioned during the year (Operating days, throughput, Capacity/day etc.).
3. Back up Data

|  |  |  |
| --- | --- | --- |
| **Year** | **Name Plate Capacity, MMT PA**  | **Actual crude Processing, MMT** |
| **2018-19** |  |  |
| **2019-20** |  |  |
| **2020-21** |  |  |
| **2021-22** |  |  |

 |
| **1.2** | **Cracking capacity utilization during 2021-22 (%)** |  |
| 1.2.1 | Note:1. Total of FCC/HCU/DCU and their technology variants will constitute the secondary cracking capacity of the refinery.
2. Note: 1.1.1 (a) & (b) will be adopted for this section also.
3. Back up data

|  |  |  |
| --- | --- | --- |
| **Year** | **Name Plate Capacity,** **MMT PA (Total)** | **Actual Processing,** **MMT (Total)** |
| **2018-19** |  |  |
| **2019-20** |  |  |
| **2020-21** |  |  |
| **2021-22** |  |  |

 |
| **1.3.** | **Improvement in Distillates Yield (**% of crude throughput) during year of award over previous year |  |
| 1.3.1 | 1. Average of past three year will be used to calculate improvement in 2020-21.
2. Back up data

|  |  |
| --- | --- |
| **Year** | **Distillates Yield** |
| **2018-19** |  |
| **2019-20** |  |
| **2020-21** |  |
| **2021-22** |  |

 |
| **2** | **Gross Refining Margin** |
| 2.1 | % Improvement in average Gross refining margin during 2021-22 over previous years |  |
| 2.1.1 | 1. Note: 1.3.1 (a) will be adopted for this section also.
2. GRM without any concession to be reported.
3. Back up data

|  |  |
| --- | --- |
| **Year** | **Average GRM ($/bbl)** |
| **2018-19** |  |
| **2019-20** |  |
| **2020-21** |  |
| **2021-22** |  |

*Note: GRM will not be used in evaluation* |
| **3** | **Other Operation Metrics** |
| 3.1 | Improvement in operating costs during year of award over previous year (%) **Depreciation to be excluded** |  |
| 3.1.1 | 1. Note: 1.3.1 (a) will be adopted for this section also.
2. Back up data

|  |  |
| --- | --- |
| **Year** | **Operating Cost (Rs/MT)** |
| **2018-19** |  |
| **2019-20** |  |
| **2020-21** |  |
| **2021-22** |  |

 |
| 3.2 |  Internal Fuel (% of crude throughput) during 2021-22 |  |
| 3.3 | Loss (% of crude throughput) during 2021-22 |  |
|  | Note : If different types of fuels are used , convert then to oil equivalent using **BP Statistical Review of World Energy (2022)** |
| 3.2.1 | 1. Note: 1.3.1 (a) will be adopted for this section also.
2. Back up data

|  |  |  |
| --- | --- | --- |
| **Year** | **Fuel (%)** | **Loss (%)** |
| **2018-19** |  |  |
| **2019-20** |  |  |
| **2020-21** |  |  |
| **2021-22** |  |  |

 |
| **4.** | **Improvement in MBN in 2021-22 (%) over average** **of previous three years** |  |
| 4.1 | Backup data

|  |  |
| --- | --- |
| **Year** | **MBN** |
| **2018-19** |  |
| **2019-20** |  |
| **2020-21** |  |
| **2021-22** |  |

Use CHT methodology for all calculations  |
| **5.** | **Capital Expenditure**  |
| 5.1 | Capex Utilization during 2021-22 (%) |  |
| 5.1.1 | 1. Back up data

|  |  |  |
| --- | --- | --- |
| **Year** | **Planned Capex (Original budget)** | **Actual Capex** |
| **2018-19** |  |  |
| **2019-20** |  |  |
| **2020-21** |  |  |
| **2021-22** |  |  |

 |
| **6.** | **Improvement in Specific Water consumption during year of award over the previous years** |  |
| 6.1 | 1. Back up data

|  |  |  |
| --- | --- | --- |
| **Year** | **Fresh water consumption (m3)** | **NRG Factor\*** |
| **2019-20** |  |  |
| **2020-21** |  |  |
| **2021-22** |  |  |

\*Indicator of the level of complexity of the refinery.  |
| **7.** | **Safety**  |
| 7.1 | Fatal Accident Rate |  |
| 7.1.1 | 1. Back up data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Number of fatalities**  | **Total Men-hours worked Own Employees** | **Total Men-hours worked Contractors Employees** | **Total Men-hours worked Own & Contractors Employees** |
| **2021-22** |  |  |  |  |

FAR = [Number of fatalities x 10,00,00,000] [Total hours worked in the reporting period] |
| **7.2** | **Lost Time Injury frequency**  |  |
| 7.2.1 | 1. Back up data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Number of lost time injuries in the reporting period** | **Total Men-hours worked Own Employees** | **Total Men-hours worked Contractors Employees** | **Total Men-hours worked Own & Contractors Employees** |
| **2021-22** |  |  |  |  |

LTIFR = [Number of Lost time injuries in the reporting period x 1,000,000] [Total hours worked in the reporting period] |
| **7.3** | **Total Recordable Incident rate**  |  |
| 7.3.1 | 1. Back up data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Number of OSHA recordable incidents** | **Total Men-hours worked Own Employees** | **Total Men-hours worked Contractors Employees** | **Total Men-hours worked Own & Contractors Employees** |
| **2021-22** |  |  |  |  |

TRIR = [Number of OSHA recordable incidents x 2,00,000]  [Total number of hours worked] |

**List of Attachments (Optional), if any**

|  |  |
| --- | --- |
| **S. No** | **Description** |
| 1 | Link of Annual Report |
| 2 | Link of Support Documents / Other Material of Soft |
| 3 |  |
| 4 |  |
| 5 |  |

**About FIPI**

The Federation of Indian Petroleum Industry (FIPI) is an apex Society of entities in the hydrocarbon sector and acts as an industry interface with Government and regulatory authorities. It helps in resolution of issues and evolution of policies and regulations. It represents the industry on Government bodies, committees and task forces and has been submitting recommendations to the Government on behalf of the industry on various issues.

It aims to be the most effective and influential voice of the oil & gas industry to facilitate its development as a globally competitive industry in India that enjoys the respect and trust of the society. Several Government policy initiatives have their genesis in its reports and publications, some of which are quoted in documents like the Integrated Energy Policy.

All major companies operating in the oil & Gas sector in India are members of FIPI. It organizes seminars, conferences, workshops, roundtable meetings and brings out study reports and a quarterly journal.

For more information, please visit our website [www.fipi.org.in](http://www.fipi.org.in)

For Awards related information, please click <https://www.fipi.org.in/awards-page2022.php>