

1. **Case No. - 5154/2016 Shri Sanjeev Tipnis, Sr. Vice President, M/s SRF Limited, Industrial Area Malanpur, District-Bhind (M.P.)-477116 Prior Environment Clearance for increasing Production volume through debottlenecking of existing machineries and fuel change of M/s SRF Limited at Village-Malankhedi, Tehsil-Gohad, District-Bhind (M.P.) FoR – ToR Case forwarded to SEIAA vide letter no. 982 dtd. 26/04/16 rec. dt. 26/04 /16.**

NEED AND JUSTIFICATION OF THE PROJECT

- The existing plant having three major processes known as Polymerization (Caprolactum), Synthetic Yarn, Spinning and Textile. At present, product of polymerization (nylon Chips) is used in spinning and spinning product (Nylon Yarn/cord) used in Textile. As per market requirement industry can sell Spinning (Nylon Yarn/cord) and Textile products (Nylon Fabric) in market, hence, consent from MPPCB has taken for two products (Nylon Yarn/cord and fabric). Now as per current market scenario, polymerization product (Nylon Chips) can also be sold in market, hence, modification is required in production process to take out chips as product.
- As per current market scenario, production capacity of Textile section needs to be increased
- Along with above activities, Dipping section need to be added in production process to complete the entire value chain of Nylon Tyre cord fabric from Lactum to Dipped fabric.

PROJECT LOCATION

Plot/Survey/Khasra No.	M/s SRF Ltd D-1 to 4, E-1 to 24, Industrial Growth Centre
Village/Town	Malanpur
Tehsil	Gohad
District	Bhind
State	Madhya Pradesh

Note: Request for exemption from Public Hearing being the plant located in

notified Industrial Area (Malanpur Industrial Area), developed by Industrial Infrastructure Development Corporation, (AKVN)

LAND USE/ LAND COVER

- The land (Plant site) is flat, and owned by Madhya Pradesh Audyogik Kendra Vikas Nigam (Gwalior) for an area of 272109.5 Sq. mts.
- The project falls under Madhya Pradesh Audhyogik Kendra Vikas Nigam (Gwalior), D-1 to 4 and E-1 to 24, Industrial Growth Centre, Malanpur, Dist-Bhind – 477116 (M.P)

EXISTING AND PROPOSED PRODUCTS CAPACITY

Sr. No.	Name of products	Existing capacity	Proposed Additions	Total Capacity after Expansion
1	Nylon chips (through polymerization process)	33000 MTPA (currently being produced, but not taken out as a separate product , it is directly sent to next process i.e. spinning)	Nil	33000 MTPA (proposed to take out as separate product)
2	Synthetic Yarn/Nylon industrial yarn	33,000 MTPA	Nil	33,000 MTPA
3	Synthetic Yarn/Nylon tyre cord fabrics	23,300 MTPA	4700 MTPA	28,000 MTPA
4	Synthetic Yarn/Nylon tyre cord dipped fabric	Nil	14500 MTPA	14500 MTPA
5	Power generation (DG)	10 MW – Stand by	Nil	10 MW (Stand by)
6	Power Source (MPEB)	10 MW	02 MW	12 MW
7	Steam boiler and thermic fluid heater (TFH)	Coal based: -Steam-Boiler:10.TPH TFH: 1.5 Million KCAL/Hr	Pet Coke based: -Steam-Boiler:10TPH. -TFH: 1.5 Million KCAL/Hr	Coal and Pet Coke based Steam-Boiler: 20 TPH -TFH: 2 x 1.5 Million KCAL/Hr Coal (at 100%): 23652

			Coal (at 100%): 23652 MT/Yr. OR* Pet coke (at 100%) : 10000 MT/Yr. OR* Coal (50%) & Petcoke (50%) Coal = 11826 MT/Yr Coke = 5000 MT/Yr.	MT/Yr. OR* Pet coke (at 100%) : 10000 MT/Yr. OR* Coal (50%) & Petcoke (50%) Coal = 11826 MT/Yr Coke = 5000 MT/Yr.
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PROJECT PROPOSAL

Proposed project is planned to increase fabric production capacity, adding Dipping Unit for producing dipped fabric and modification for takeout nylon chips as separate product, and it is also proposed to use Pet-Coke along with coal for steam generation within the existing plant area of 272109.5 sq.mt located in Industrial Growth Centre, D-1 to 4 and E-1 to 24, Village: Malanpur, Tehsil: Gohad, District Bhind, Madhya Pradesh.

The case was presented by the PP and their consultant for TOR to carryout EIA studies. The committee after deliberations decided that following additional TORs be prescribed to the PP along with standard TOR issued by the MoEF&CC:-

1. How the proposed three combinations of fuels will be used in the unit be detailed out in the EIA and if 100% or 50% Petcoke is used, how SO2 emissions will be reduced.
2. "Process of dipping" with possible emissions during heating process should be detailed out in EIA report.
3. Year wise production details since it's inception and copies of consent obtained from the MPPCB, should be provided in the EIA report.
4. If there is any change proposed in the existing layout due to capacity enhancement, it should be discussed in the EIA report.

5. Justify in EIA, how waste water generation will remain unchanged with the proposed capacity enhancement.