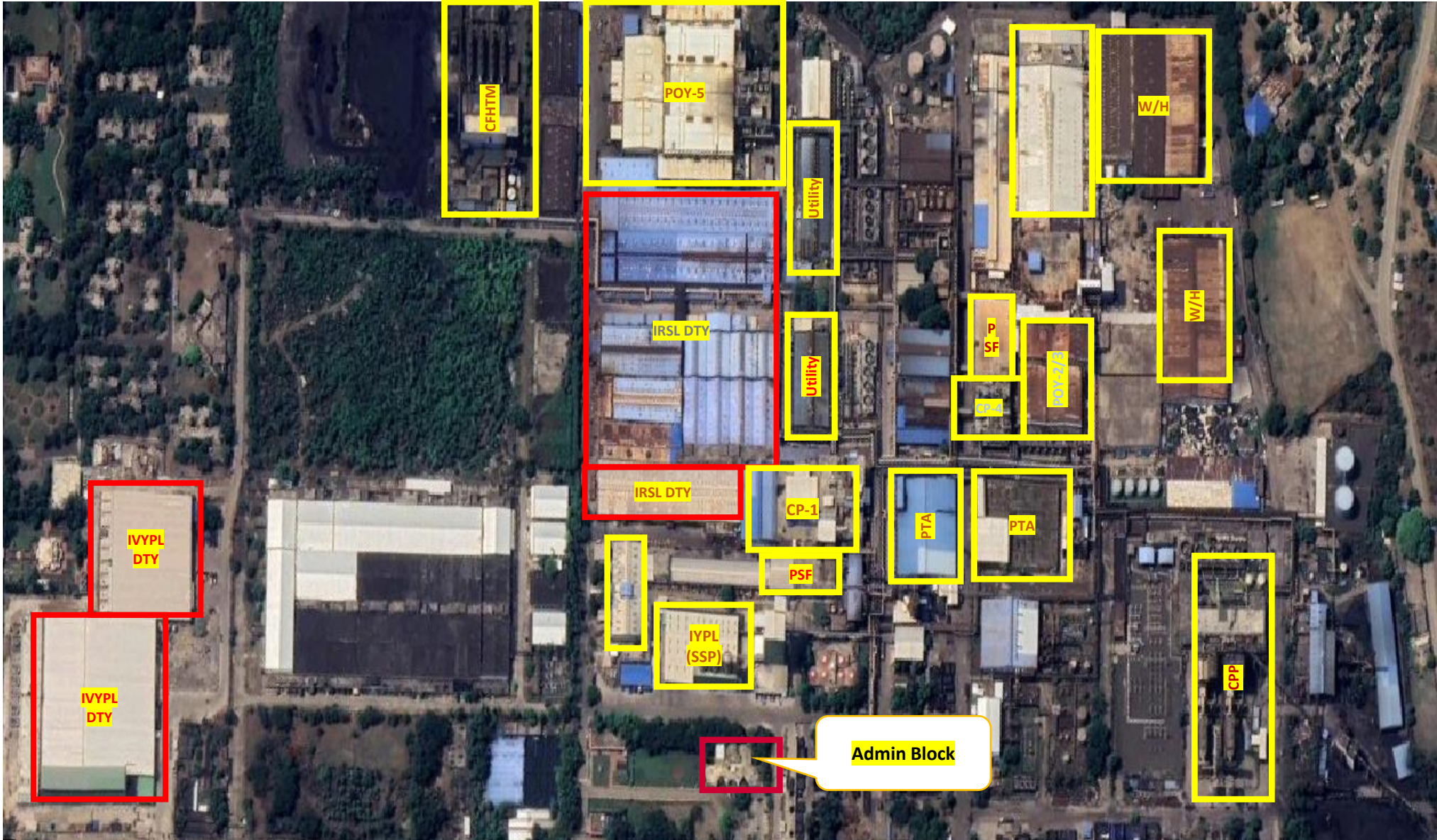


INDO RAMA



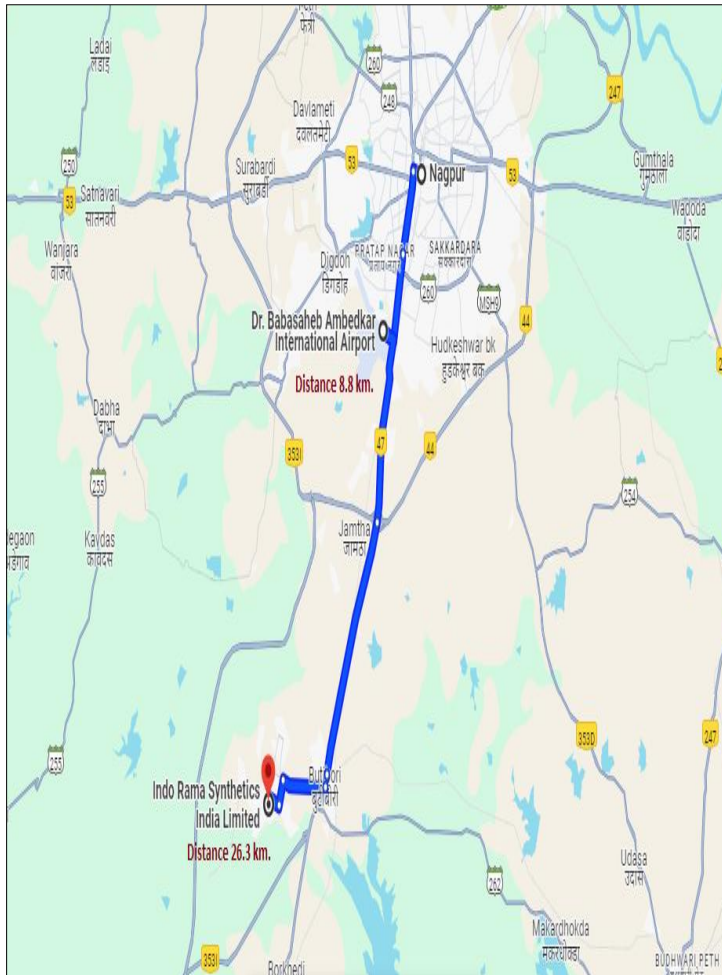
Location	Area (Acre)
Plant Site	172.63
Township 1 (234 Flats)	29.09
Township 2 (444 Flats)	12.30
Green Belt (10000 Trees)	34.54



IRSL Locations

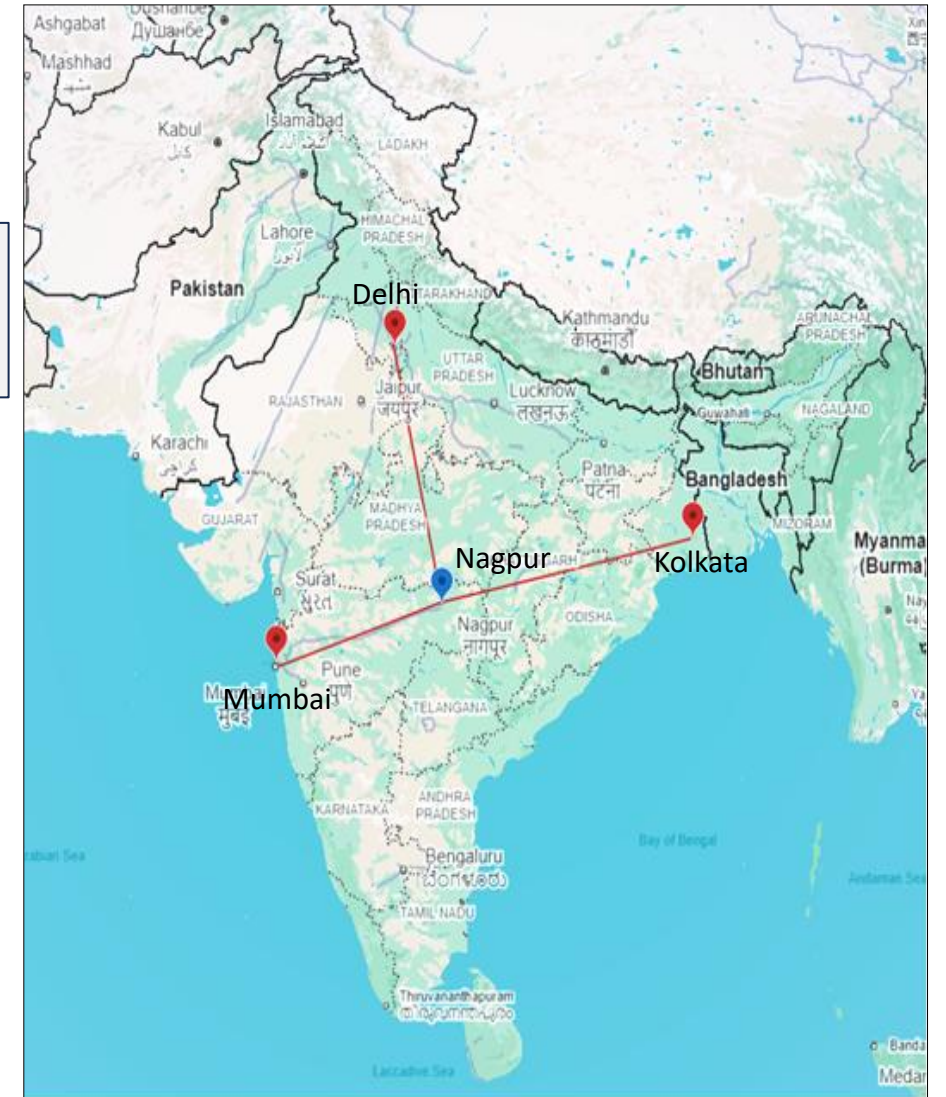
3 units

- 1) IRSL – Fibers (Polymer + filament (POY / FDY / DTY) + fibers)
- 2) IVYPL – Fibers (Filament -Only DTY operations)
- 3) IYPL – CPET (SSP)

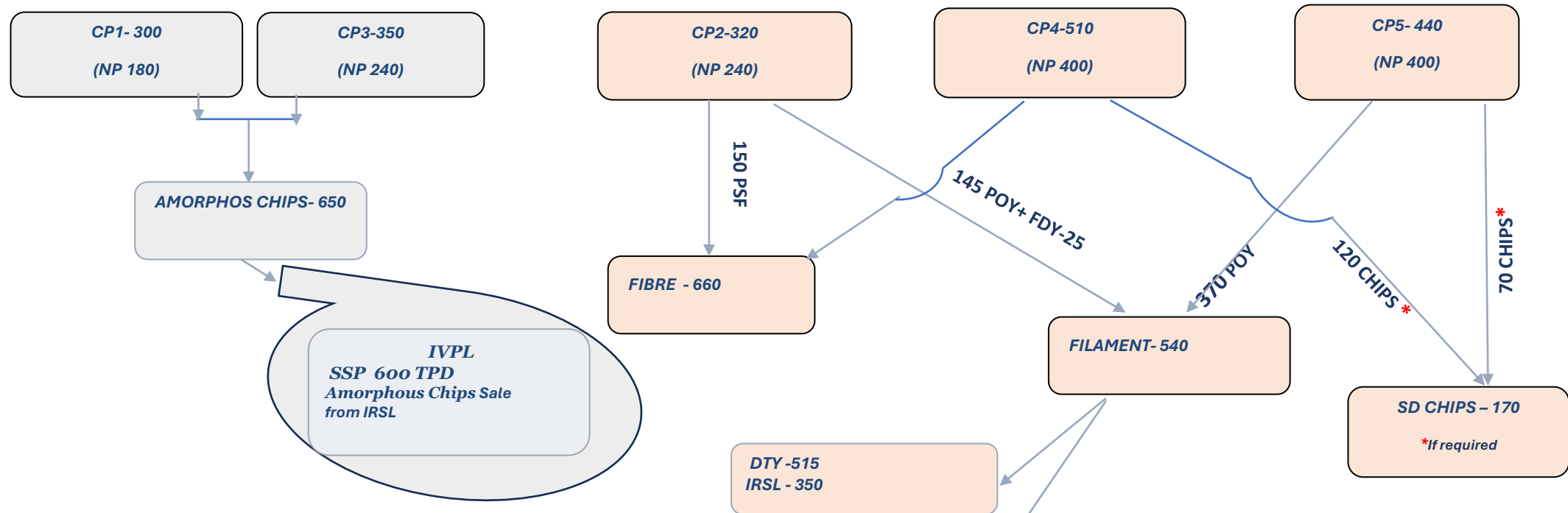


Distance / Air Travel Time
New Delhi - 1074 km / 1.50 Hr
Mumbai – 770 km / 1.30 Hr
Kolkata – 1119 km / 1.30 Hr

26 km. Nagpur Airport
34.8 km. Nagpur City



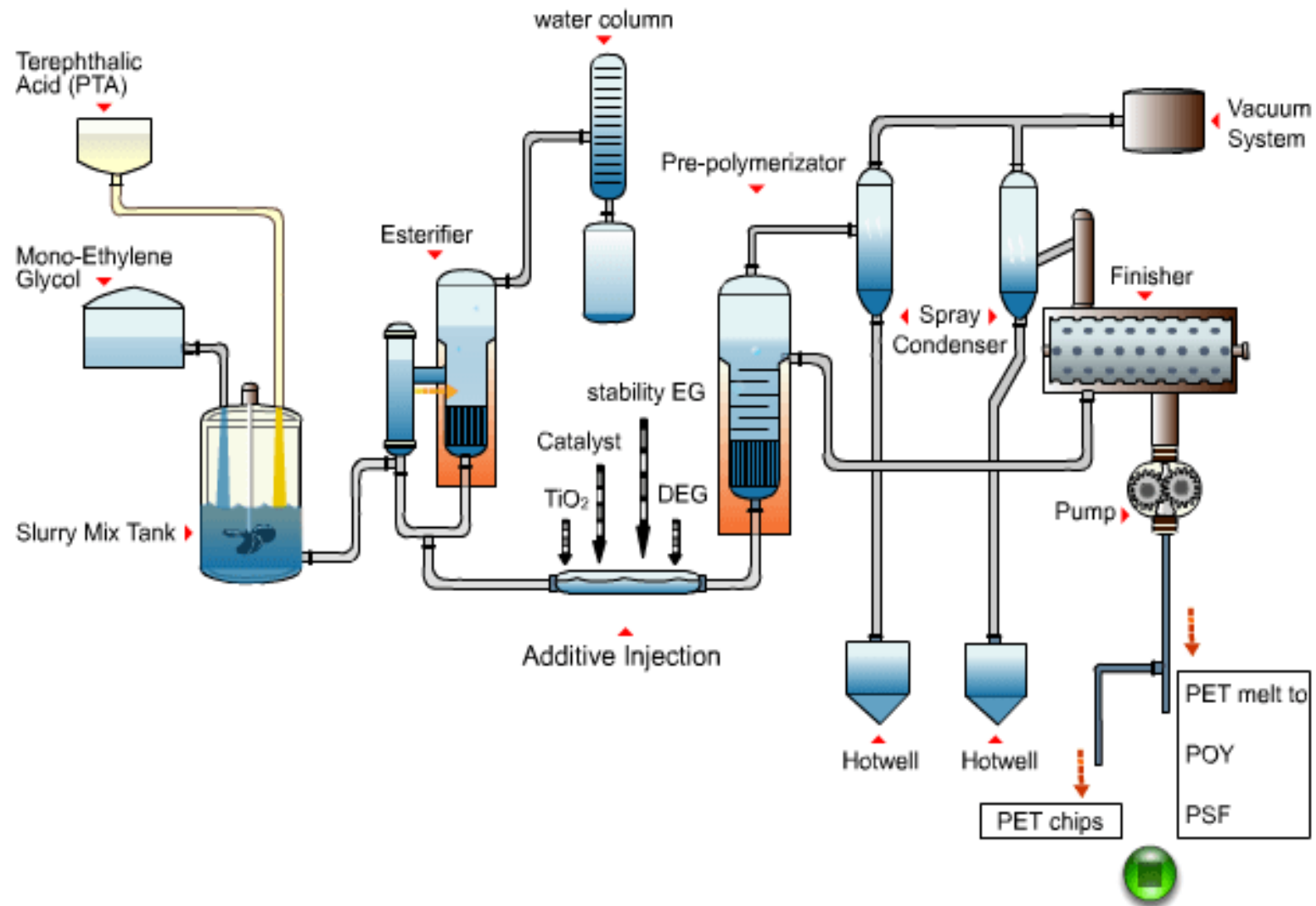
CAPACITY POST DBN [TPD]



CP	TECHNOLOGY	KTPA
1	CHEMTEX	110
2	CHEMTEX	117
3	CHEMTEX	128
4	ZIMMER	186
5	ZIMMER	161
TOTAL [KTPA]		702
SSP (IYPL)	POLYMETRIX	216

FIBER	TECHNOLOGY	KTPA
1	TOYOBO	Stopped (22)
2/3/4/5	TOYOBO	113
6/7	ZIMMER	128
TOTAL [KTPA]		241
FDY	TMT	Stopped (9)
POY	BARMAG OERLIKON	191
DTY	Aalidhra/ Barmag	188

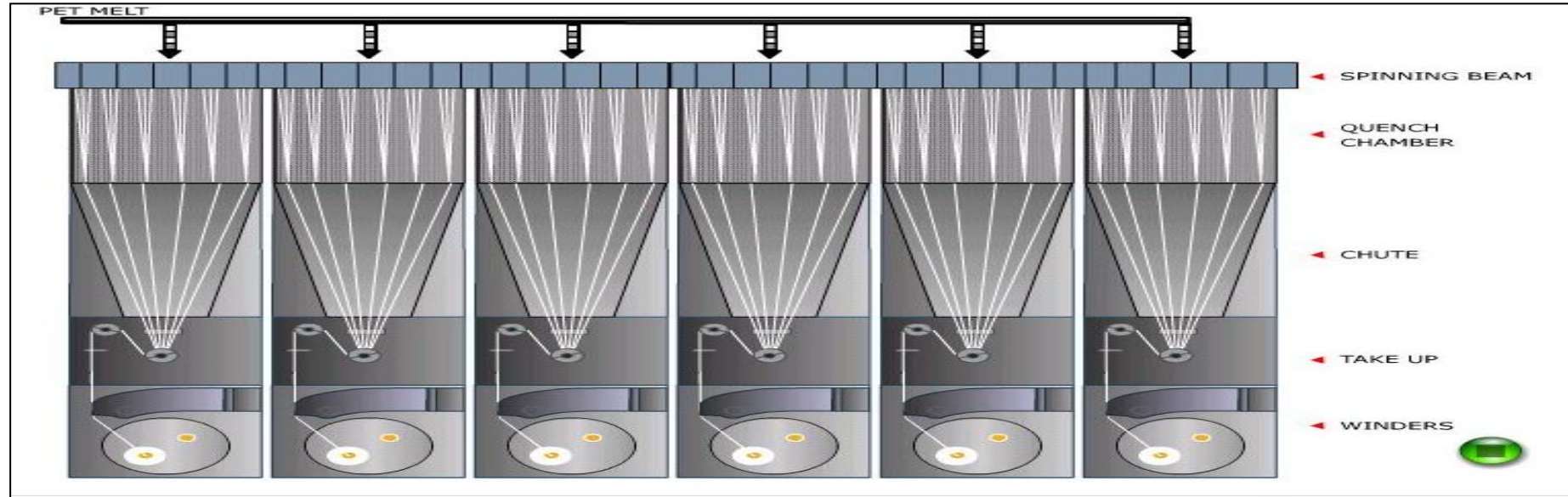
Polymerization Process



Melt Spinning



Partially Oriented Yarn (POY) - Process



DTY : Draw Texturized Yarn -Process



Polyester Staple Fibre (PSF)–Spinning



Polyester Staple Fibre - Draw line



Polyester Staple Fibre (Final Product)



Major Utility - Capacity

Service	Technology / Make	Installed Capacity
Plant Air	9 Nos- Kaiser Ingersoll Rand and Atlas Copco / (3 Nos Ingersoll Rand Emergency)	29,000 Nm ³ / hr.
Instrument Air	7 Nos- Ingersoll Rand and Atlas Copco	20,150 Nm ³ / hr.
Intermingling Air	13 Nos - Ingersoll Rand and Atlas Copco (Different pressures)	111,000 Nm ³ / hr.
Chill Water		
Electrical (Centrifugal)	8 Nos- Trane	9,000 TR.
VAM	4 Nos Thermax	4,200 TR
Thermal Power		
Coal	2*90 TPH Boiler / 2*15 MW + 1*10 MW TG Set / Cethar Vessel, Siemens	40 MW
LSHS	Wartsila 2*13.5 MW + 1*4 MW	31 MW
Thermic Fluid Heating		
Coal Fire Dowtherm CP1/2/3	14.2*2 MKCAL / hr. Soken	28.4 MKCAL / hr.
Oil Fire Dowtherm CP1/2/3 (Standby)	8*2 + 10*2 MKCAL / hr. Bertram	36 MKCAL / hr.
Coal Fire Santotherm CP4/5	2*13.5 MKCAL / hr. Soken	27 MKCAL / hr.
Oil Fire Santotherm CP 4/5 (Standby)	10*4 MKCAL / hr. Bertram	40 MKCAL / hr.
DM Water	Triveni	1500 m ³ / Day
Effluent Treatment Plant	Hindustan Doroliver / Sun Enviro	1000 M ³ / Day

Sustainability & Resource requirement At a Glance

	UOM	IRSL	IVYPL	IYPL
Water Requirement at peak capacity	M ³ /MT	5.5	1.39	0.17
Power requirement at peak capacity	MVA	41	5.8	1.8

IRSL	UOM	2023 A	2024 A	2025 A
Production	KT	303.87	285.5	476.3
Electricity Consumption	Kwh/MT	759.1	704	639
Total Energy Consumption	Gj/MT	10.63	10.1	9.62
GHG Emission	TCO2E/MT	1.24	1.20	1.18
Water Consumption	M ³ /MT	6.03	5.96	5.03



Certifications

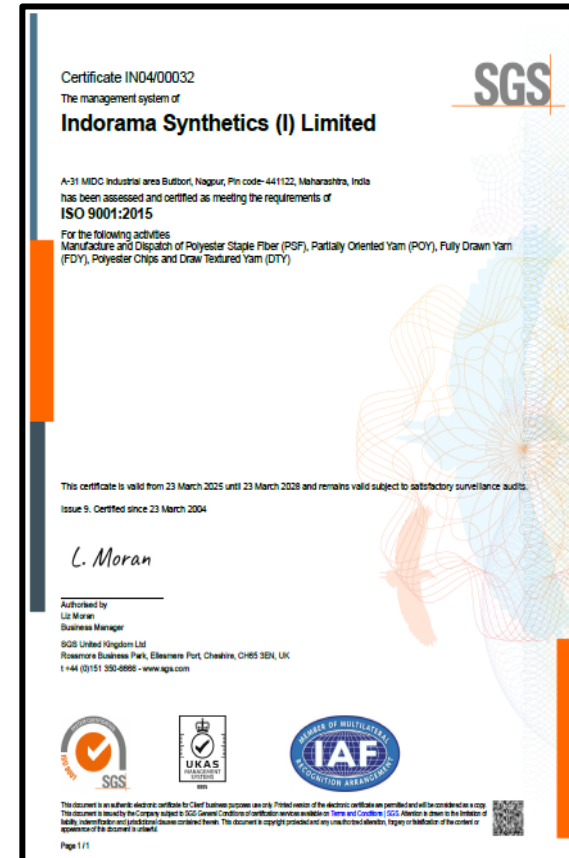
Safety Management ISO 45001



Environment Management ISO-14001



Quality Management ISO 9001



Oeko Tex Standard 100





Thank You