

**TRIAL ROAD PROJECTS COMPLETED IN ANDHRA PRADESH
(NANDYAL DISTRICT), INDIA**

DATE OF TRIAL: 04TH JULY 2025

PLANT NAME : VIBRANT, AT NANDYAL

CAPACITY : 120 TONS PER HOUR

TYPE OF PLANT: BATCH PLANT WITH A LETTER BOX (IN BUILT)

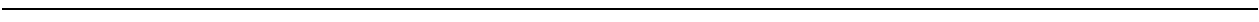
PROJECT LOCATIONS:

1. PEAPULLY - YAGANTI - BANAGANAPAALI ROAD – ANDHRA PRADESH
2. MUDIGEDU - GULLADURTHY ROAD NDB – ANDHRA PRADESH

Sl.No.	Name of the road	Length in mtrs	Width in mtrs	Depth in mtrs	Quantity in Cum	Quantity in Tonnes (cum X2.5)	Actual Quantity	Number of bags	Remarks
1	Mudigedu - Gulladurthy road	1015	3.5	0.03	106.575	266.4375	318	318	318-266 =52 tonns extra
2	Peapully - Yaganti - Banaganapalli road	1200	3.5	0.03	126	315	403	403	403-315 = 88 tons extra (Entire stretch of the road is 1200 mts .Hence 1200 mts is laid). Road is undulated
							Trail	3	
							Total =	724	
							Balane	533	
								1257	

PROCEDURES FOLLOWED AT THE PLANT

1. HOT AGGREGATES WERE ADDED TO THE HOPPER
2. DANISH ASPHALT FIBER WAS DROPPED IN THROUGH THE LETTER BOX
3. MIXING DURATION OF FIBER IN DRY AGGREGATES – 06 SECONDS
4. BITUMEN ADDED
5. MIXING DURATION FOR FIBER IN WETMIX – 02 SECONDS
6. MIXING DURATION FOR NORMAL ASPHALT – 45 SECONDS
7. TOTAL DURATION FOR MIXING OF FIBER: 6+2 = 8 SECONDS
8. TOTAL MIXING TIME – 45 + 8 = 53 SECONDS













HIGHLIGHTED AREA SHOWS FIBERS IN THE ASPHALT
