

Transportation Engineering Laboratory (TEL)

Department of Civil Engineering (CED)

UNIVERSITY OF ENGINEERING & TECHNOLOGY (UET)

LAHORE – 54890 (PAKISTAN)



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Ref.:-----

Date:-----

Mr. M. Kanwar Majeed
Resident Engineer,
NESPAK.

Subject: **Testing of Bitumen**

Design and Resident Supervision of Widening / Improvement /Rehabilitation of Road from Chowkiwala (N-55) Tehsil Taunsa to N-70 (Chapper / Balochistan) via Zain Barthi & Kharar Buzdar, District D. G, Khan.

Dear Sir,

It is with reference to your letter No. NESPAK/TS/KM/4372-A/279 dated 18-05-2024. Please find below the results of tests conducted on the bitumen sample provided to this laboratory on 04-06-2024 through your representative.

Sr.#	Laboratory Tests	Results
1	Penetration (ASTM D-5)	63 Units
2	Ductility (ASTM D-113)	Above 100 cm
3	Softening Point (ASTM D-36)	49.8°C
4	Flash Point (ASTM D-92)	308°C
5	Solubility (ASTM D-2042)	99.80%
6	Specific Gravity Value (ASTM D-70)	1.023
7	Loss on Heating Value (ASTM D-6)	0.270%

If you have further query, please do not hesitate to contact the undersigned.

Best Regards,

Director
Transportation Engineering Laboratory

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