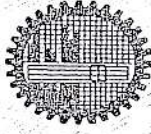


BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)



DEPARTMENT OF CIVIL ENGINEERING

Mobile: 01819 557 964; PABX: 55167228-57 Ext. 7226

<http://brtc.ce.buet.ac.bd/#/home>

TRANSPORTATION ENGINEERING LABORATORY



BRTC No.: 1102-04424 /19-20/CE; Dt: 6/1/2020

Sent by : Md. Mizanur Rahman Patwary, ID No. 602006, Sub-Divisional Engineer (A.C) RHD, Road Sub-Divn. Jhenaidah.

Ref. No. : 751; Dt: 31/12/2019

Project : Partial Strengthening for existing Pavement Providing by Base Type-1 & DBS-Wearing Course work from Ch.90+841 to Ch. 106+639= 15,798.00m. (Bumrahdanga Dakhil Madrasa to All here Bus Stand-Jhenaidah) of Daulatdia-Faridpur (Goalchamot) Magura-Jhenaidah-Jashore-Khulna-Mongla (Digraj) Road (Road NO. N-7) & Reapir with DBS Wearing Course from Ch. 00+000 to 01+825 = 1825.00m . (Jhenaidoh Bus Terminal -Arappur) Total=17623.00 m under Periodic Maintenance Programme (PMP) of Jhenaidah Bus Terminal-Arappur- Intersection _ Alhere Bus stand Road (Road No. N-712) under Road Division, Jhenaidah during the year 2019-2020.

Sample : Bitumen: Samples were received in unsealed condition.

Test : Test of Bituminous Materials [ASTM / AASHTO]

Date of

Test : 7/1/2020 - 25/1/2020

TEST REPORT

Test Sl. No.	Name of the Test	Test Condition (If Any)	AASHTO Test Designation	Result
1.	Penetration	25°C, 5 sec, 100 gm loading	T 49	61
2.	Softening Point	Ring & Ball	T 53	50.8°C
3.	Flash Point & Fire Point	Cleveland Open Cup	T 48	280°C & 335°C
4.	Loss on Heating (Thin Film Oven Test)	5 Hrs., 163°C	T 179	0.1%
5.	Ductility	25°C, 5 cm/min	T 51	100 + cm

Countersigned by:

Dr. Md. Abdul Jalil
Professor
Department of Civil Engineering
BUET, Dhaka-1000, Bangladesh



Test Performed by:

January 26, 2020
Dr. M. Neaz Murshed
Assistant Professor
Department of Civil Engineering
BUET, Dhaka-1000, Bangladesh

Important Notes: Samples as supplied to us have been tested in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover/packet/container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by