



T.J.S ENGINEERING COLLEGE

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

Accredited by NAAC / ISO 9001:2015 Certified Institution.

TJS Nagar, Peruvoyal, Near Kavaraipettai, Gummidipoondi Taluk, Thiruvallur District -601206



Soil Test



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An ISO 9001:2015 Certified Institution



COMPACTION TEST REPORT

NAME OF CLIENT: T J ARUMUGAM & CO

LOCATION : THERVOY SIPCOT

TEST NAME: COMPACTION TEST FOR WETMIX BY SAND REPLACEMENT METHOD

NUMBER OF SAMPLES: 4 NOS

AGGREMENT NO:

DATE: 19-01-2022

Compaction Test On Wetmix Layer As Been Tested as Per The Guide Line For IS 2720-28 (1974) And The Result Are Tabulated Below:

S.NO	DESCRIPTION	SAMPLE 1 (150m)	SAMPLE 2 (260m)	SAMPLE 3 (490m)	SAMPLE 4 (650m)
1	Wt of cone + Full of sand(W_1)gm	7100	7100	7100	7100
2	Wt of cone + sand (after pouring)(W_2)gm	5616	5300	5250	5383
3	Wt of sand test hole + cone of sand (W_3)= (W_1-W_2) gm	1484	1800	1850	1717
4	Wt of sand in cone only (W_4) gm (predetermined)	436	436	436	436
5	Wt of sand in test hole (W_5)= (W_3-W_4) gm	1048	1364	1414	1281
6	Wt of sample collected from test hole(W_6) gm	1690	2210	2282	2091
7	Density of sand (γ_1) gm/cc (predetermined)	1.43	1.43	1.43	1.43
8	Bulk density of sample (γ_2)= $(W_6/W_5*\gamma_1)$ gm/cc	2.30	2.31	2.30	2.34
9	Moisture content (w) %	5.1	5.0	5.2	5.2
10	Dry density of sample (γ_3)= $\gamma_2/(1+w)$	2.19	2.2	2.19	2.21
11	Specified density of sample (γ_4) gm/cc	2.245	2.245	2.245	2.245
12	Percentage of Compaction (γ_3/γ_4*100)	98%	98%	98%	99%



[Signature]
HEAD OF DEPARTMENT
CIVIL ENGINEERING
T.J.S. ENGINEERING COLLEGE
PERUVOYAL, KAVARAIPEETAI
GUMMIDIPPOONDI TALUK
THIRUVALLUR DIST - 601 206

T.J.S.Nagar, Peruvoyal, Near Kavaraipeetai, Gummidipoondi Taluk, Thiruvallur Dist - 601 206.
Phone : 044 27967600, 27967602, 27967604, 27967605; Fax : 044 2796 7606.

E-mail : tjsivanandam@gmail.com, tjsivanandam@gmail.com Website : www.tjsec.in

INVOICE

DATE	08.10.2021
INVOICE #	15
CUSTOMER ID	
DUE DATE	

BILL TO:

T J ARUMUGAM & CO
Kavaraipettai

[illegible]

Rs.10,000/- (Ten Thousand Only)

Subtotal	10,000.00
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OTHER COMMENTS

1. Please transfer the payment on below account:

Account Name: TJS ENGINEERING COLLEGE

Account No.: 65 10 10 89 801

IFSC Code: **SBIN0011931**

Current/Saving A/c: **CURRENT ACCOUNT**

Bank Name & Branch: **STATE BANK OF INDIA**

**75, GNT ROAD, GUMMIDIPOONDI
TIRUVALLUR - 601201, Tamil Nadu.**

Gross Amount	10,000
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TOTAL	10,000
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T.J.S. ENGINEERING COLLEGE

PRINCIPAL

T.J.S. ENGINEERING COLLEGE
Peruvoyal, Kavaraipettai,
Gummidipoondi Taluk,
Thiruvallur Dist - 601 206.

