GOVERNMENT OF TRIPURA
Office of the Sub-Divisional Officer, Kakraban Sub-Division
PUBLIC WORKS DEPARTMENT (Roads & Buildings)
Udaipur, Gomati Tripura.

Hospital Chowmuhani, **Kakraban**
Land phone : (03821) 265945
Email: sdokbn2017@gmail.com

STRUCTURAL FITNESS CERTIFICATE

Name of the Building	:	**KAKRABAN HIGHER SECONDARY SCHOOL**
Location	:	Beside State Highway Udaipur-Melaghar road, Udaipur, Gomati District, Tripura State.
Classification of Building	:	Load bearing structure/ Partial RCC framed structure single storey
Year of construction	:	1973(Load bearing)/2014(RCC framed)
Short specification (score off the specification not applicable)	:	The load bearing structure & RCC framed structure is placed on stable ground with a foundation depth of 1.20mtr. Foundation footing comprises of Brickwork/RCC isolated footing. Superstructure consists of 10" & 5" brickwork along with RCC lintel, GCI sheet roofing in the major portion & RCC M20 roof slab with all column connecting roof beams in 5(five) classrooms. Wooden door, window frame & shutter in all classrooms, IPS flooring.
Foundation & basement	:	Foundation footing comprises of, (i) Isolated footing in the RCC framed structure (ii) Brickwork in different layers in the GCI sheet roofing portion. GL tie is the perimeter below 300mm from GL in the RCC framed portion, Plinth Beam connecting all the RCC columns.
Superstructure	:	10" & 5" Brickwork in wall plastered colored with 6" height RCC Lintel. GCI sheet roofing in major portion, RCC roofing in 5(five) classrooms.
Wood work wrought and put up	:	NIL
Roof	:	RCC M-20 grade concreting in the RCC roof slab & GCI sheet in all other rooms;
Flooring	:	IPS flooring
Miscellaneous (cracks etc.)	:	No cracks have been noticed in the building.
Any major defects noticed which will render the building unsafe in any manner	:	Nothing as such.
Whether maintenance works have been done properly	:	Yes
Whether the structure is sound or not for conducting classes	:	Absolutely sound.
Any other observations	:	NIL

CERTIFICATE

This is to certify that the even though the GCI sheet structure has completed a considerable period of its life span, the structure still looking absolutely durable for another 10-15 years. The RCC framed structure is a new construction designed for two storey but completed only ground floor.

Certified that the school building was inspected by a team of engineers and found to be fit for conducting classes.

Place: Kakraban

Date: 07.09.2021

07.09.2021

SDO(PWD),
Kakraban Sub-Division
Public Works Department
Roads & Buildings