

COMMISSIONING CERTIFICATE

DATE: 31-12-2021.

CUSTOMER NAME & ADDRESS

: INDIAN IMMUNOLOGICALS LTD
RAKSHAPURAM, GACHIBOWLI POST,
HYDERABAD - 500032. India.

P.O No. & Date

: 4511003513 & 22/02/2021

THE FOLLOWING ITEM/S IS/ARE COMMISSIONED TO YOUR SATISFACTION:

- | | | |
|-----------------------|---|-----------------------------------|
| 1. MODEL/CAPACITY | : | SITS MODULAR SQUARE TYPE / 300 TR |
| 2. COOLING TOWER TYPE | : | FRP INDUCED DRAFT COUNTER FLOW |

PARAMETERS:

- | | | |
|---|---|---------------------|
| 1. CAPACITY OF TOWER | : | <u>300TR - 1 NO</u> |
| 2. HOT WATER TEMPERATURE | : | <u>36°C</u> |
| 3. COLD WATER TEMPERATURE
(Will be checked at basin) | : | <u>31°C</u> |
| 4. WET BULB TEMPERATURE | : | <u>27°C</u> |

THE ABOVE SYSTEM HAS BEEN HANDED OVER IN SATISFACTORY WORKING CONDITION.

For **SAI INDUSTRIAL TECHNO-SERVICES**

COMMISSIONING ENGINEER

Y.Y.N.V. GOPICHAND
(dated 31/12/21)

DUHEL KHAND

[Signature]
31/12/21

*Customer observation:
Found water leakage at
CT PVC header. Plan for
activity at the earliest*

CUSTOMER SIGNATURE :

[Signature]
31.12.21

NAME

: S. MURRAY SIV

DESIGNATION

: Sr. Executive

COMPANY SEAL

:

REMARKS:

*Observations :- A) Pump :- 1) Load Amps :- 20 AMPS 2) Checked RPM :- 1475 RPM (At full RPM)
3) Pressure observed :- 2.0 kg/cm² 4) Pump is running successfully with out any vibration & Throwing water to the cooling tower as per the pump capacity
B) Cooling tower :- 1) Fan Blade :- 90 degrees 2) Load Amps :- 10.8 Amps
3) Air velocity :- 8.9 m/s 4) Air flow :- 23.223 m³/s 5) Drift visibility Not found
6) Water spray is uniform at Nozzles 7) Fan assembly vibration Not found.*

6) DT is box checked after giving heat load.