

MARIAPPAN THANGAVEL

Mechanical Technician

MT

@ : mariappanthangavel1995@gmail.com



+91 7708204389, +974 71212053

11 YEARS EXPERIENCES:-

MECHANICAL TECHNICIAN

❖ [Trags limited company](#)

■ 01/04/2023 – 25/05/2025 ♦ Qatar
QATAR GAS (north)

❖ [BIOD](#)

■ 06 / 12 /2021 - 15/12/2022 ♦ D u b a i
FZCO

❖ [Demac](#)

■ 09 / 02 /2020 - 03/10/2021 ♦ Hy d r a p a d
ISRO

❖ [Star Services LLC](#)

■ 11 / 02 /2019 - 03/06/2020 ♦ A b u d h a b i
Arabian Power

❖ [Debaj Industrial Services](#)

■ 17 / 06 /2015 - 31/12/2018 ♦ Q a t a r
Offshore@onshore

❖ [ONGC](#)

■ 29 / 06 /2014 - 21/03/2015 ♦ M u m b a i
Offshore Platform(Mumbai)

❖ [SKILLS:-](#)

● Communication

● Ability to work under pressure

● Decision making

● Time management

● Self motivation

● Leadership

● Conflict resolution

SUMMARY OF EXPERIENCES:-

❖ PUMPS:-

❖ Having relevant experience in maintenance in all types of pumps such as centrifugal, reciprocating & rotary pumps. Obtaining a complete check list of the dismantled equipment and keep a record of the same. Inspect the condition of rotating parts like shaft, sleeve, impeller, oil deflectors, wear rings, bearings, coupling and stationary parts such as casing stuffing box, and bearing housing. Renewal of mechanical seals, lip seal, replacement of shaft, checking wear ring and throat bushes, bearing for clearances. Maintaining the required Radial & Axial float in multistage pumps. Checking the Stuffing box squareness and concentricity using a dial gauge while pump assembly.

❖ CENTRIFUGAL COMPRESSOR:-

❖ **Kawasaki & Elliot.**

❖ Dismantling, Inspection& Installation of Thrust bearings and Journal bearings (plain and tilting pads types) with pressurized lubrication systems. Locate position of rotor assembly in center and proper installation of dry gas seals and oil film seal. Resetting the Radial & minimum axial clearance between impellers and diaphragm and delivery dimensions of volute by float adjustment. Performing alignment between driver and driven unit.

❖ RECIPROCATING COMPRESSOR:-

❖ **Ingersoll Rand**

❖ Inspection, Dismantling & Assembling of Coupling, fly wheel, crank shaft, connecting rod, cross head, gudgeon pin, piston rod, piston and cylinder. Maintaining limited clearance of Main bearings, Big end and small end bearings with pressurized lubrication systems. Refurbishment of suction & discharge valves, unloaded& Renewal of cylinder liner. Check and replace the piston rings, rider/guiding rings, stuffing box packing & wiper rings. Check and adjust the Cross Head Shoe Clearance, TDC & BDC.Respecting the minimum deflection on piston rods performing alignment of Compressor with motor

❖ **HEAT EXCHANGERS:-**

- ❖ Involved maintenance activities of fixed, floating head type and U type bundle heat exchangers.
- ❖ Hydro testing of shell test, tube test and doom test.
- ❖ Tube plugging and replacement, Hydro testing

❖ **ROLES AND RESPONSIBILITIES:-**

- ❖ Familiar with permit to work system (PTW) procedures, safe working practices, standard codes, & hazardous area classifications
- ❖ Plant start up preparation, Nitrogen purging for vessels, pipe line flushing and blowing,
- ❖ Mechanical spading & De spading and taking in service of vessels, pumps, pipeline, Heat exchangers, flare knock out drum, storage tanks and Heaters.
- ❖ Servicing, **maintenance** and Alignment of **Rotating Equipment's** like **pump, compressor, Gas Turbine, centrifugal pump, Reciprocating pump, Vacuum pump, Gear pump, Air compressor, Gas compressor, Fire water pump.**
- ❖ Pigging job experience and **well head** valve assemble and service
- ❖ Pig receiving & launching activities of 24" Crude pipeline and 8" Fuel gas pipeline
- ❖ Water maker's **operation**, Sewage treatment **operation**, Master **injection pump**,
- ❖ **Booster pumps and overhauling of Diesel engines, Sea water lift pumps and various types of valves.**
- ❖ Proficient in installation **operation**, **Preventive, Predictive and breakdown maintenance** of **centrifugal pump, Gear pump, Vacuum pump.**
- ❖ Servicing and **Maintenance** of **centrifugal pumps** (Single stage & Multi stage& Reciprocating pumps) (Single stage & Multi stage)
- ❖ Over hauling of Diesel Engine, **Gas** Engine and **Gas** Turbine and all types **Oil** Industrial Valves **including pneumatic Control valves, Shell and tube heat exchangers.**
- ❖ **Chemical** flushing, hydro testing, pigging.
- ❖ **Well head** maintenance **chemical injection water treatment.**
- ❖ Preventive and breakdown maintenance of Ball valve, Gate valve, Control valve, shut down valve, Hipp's valve, Motor operated valve.
- ❖ Maintenance of separator water outlet, Booster pump and Main oil pump strainer cleaning.
- ❖ Remove and fix back PSV, PRV, Back pressure valve and Choke valve.
- ❖ Blinding and De blinding activities.
- ❖ Cleaning activities of vessel and column

❖ **SHUTDOWN JOB:-**

- ❖ Shutdown and Plant startup preparation, Nitrogen purging for vessels, pipeline flushing,
- ❖ **Mechanical** spading and De spading of vessel, pumps, pipeline, Heat exchanger, flare knock out drum, closed drain vessel, In let manifold line etc.

❖ **REPAIRING VALVES:-**

- ❖ Repair and servicing all kind of valves like Gate valve, butterfly valve, globe valve, Ball valve,
- ❖ Control valve, Actuator valve, choke valve, MOV, SDV, Globe valve, Butterfly valve, safety valve testing, valve pressure testing NRV etc.
- ❖ **Preventive maintenance** for all kind of valves –valve greasing, Removing and fixing of valves.

❖ **MECHANICAL SEAL :-**

- ❖ Dismantling, Reconditioning, Assembling, and replacing all type of Mechanical seals such as single double, tandem type cartridge seals, are having single, multi-spring and bellow type.
- ❖ Reconditioning of seal faces, lapping seal faces to the required finish (primary ring & mating ring) and maintained operating length.

❖ **ALIGNMENT:-**

- ❖ Rim and face method
- ❖ Reverse indicator method
- ❖ Laser method

❖ **MEASURING INSTRUMENTS HANDLED:-**

- ❖ Ability to use and take reading of all measuring tools like Vernier depth gauge,
- ❖ micro meter, Dial Gauge (for alignment) Inside Micrometer, Outside Micrometer, Depth
- ❖ Micrometer, Vernier Caliper, Spirit Level, feeler Gauge & Temperature Scanner.

❖ **AS TURBINE (GE FRAME - V) :-**

- ❖ Assisted operation team for Gas Turbine Start up Disassembly, Assembly and Inspection
- ❖ of Turbine Blades, Vane segments, Compressor vanes, Combustor, Transition pieces and Fuel Nozzles, Turbine Bearing Changing and its Oil Circuit and Compartment cooling equipment
- ❖ maintenance, Performing alignment of Gas Turbine with driven Equipment's and Alignment of Turbine Inter stage seals. Carried out Combustion chamber and Hot Gas Path of GE

SAFETY QUALIFICATION:-

- Proficiency in Elementary First Aid.
- Personal Survival Techniques.
- Fire Prevention and Fire Fighting
- Personal Safety & Social Responsibilities
- HUET

SAFETY DEVICES:-

- H2S Safety, Fire safety, using crow can gas tester (CH4, H2S), fire Extinguisher (Foam, DCP & CO;) using in fire classification, fusible plug operation, and deluge valve operation, firewater pump operation. Breathing Apparatus, Safety Jacket, and Gas detector. Smoke detector, heat detector operation, H2S deduction, fixed monitoring system, electronic monitors, and tube detector.

PERSONAL INFORMATION

Name : Mariappan
Father's Name : Thangavel
Date of Birth : 25 – 07 – 1995
Place of Birth : Kavalkinaru
Nationality : Indian
Marital Status : Un-Married
Technical Qualification. : Diploma in mechanical engineering
Languages : Tamil, English & Hindi

PASSPORT DETAILS:

Passport No : C6803364
Place of Issue : Madurai
Date of Issue : 26-02-2025
Expiry Date : 25-02-2035

Declaration

I hereby declare that the information furnished above is correct and true to the best of my knowledge.

With Regards,
(T.MARIAPPAN)



Date: 17 May 2025

CERTIFICATE OF EMPLOYMENT

To whom it may concern

This is to certify that **Mr. Mariappan Thangavel**, holder of passport #N0067934, was employed in our organization in the capacity of **Mechanical Technician - Static** for our projects in Doha-Qatar, for the period from **01-04-2023** to **25-05-2025**.

During the tenure of his employment, he was actively involved in all work fields.

We have found the above stated person capable with deep sense of dedication and commitment to any work assigned to him. He is hard working and has excellent manners.

This certificate is issued upon employee request without any liability against Trading and Agency Services Limited Company W.L.L

Best Regards

Elie Azzi



N.B: kindly compare signature with attached computer card verification.



CERTIFICATE

OF APPRECIATION

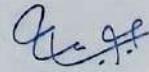
MARIAPPAN THANGAVEL

MECHANICAL TECHNICIAN

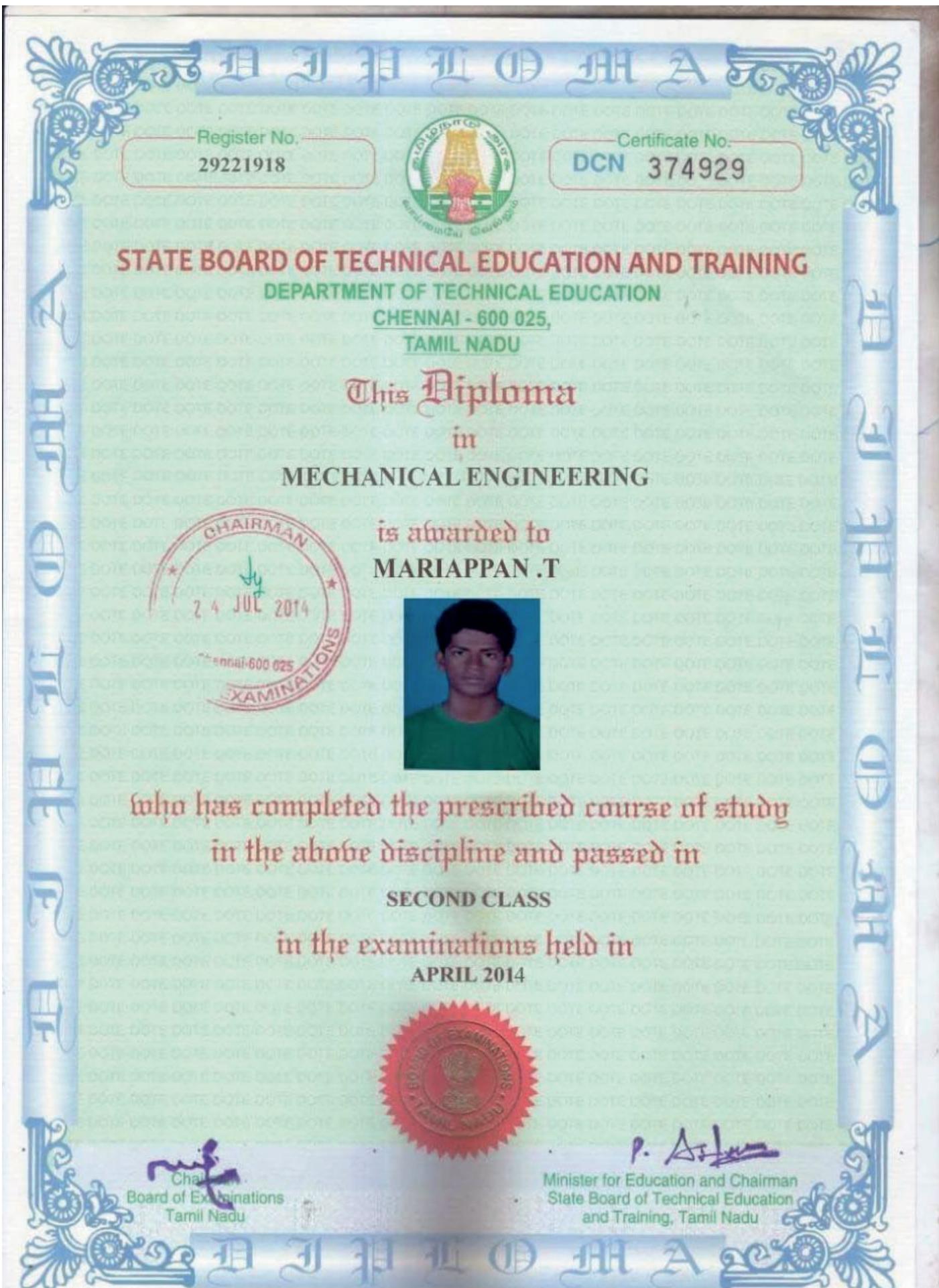
In appreciation of your participation in the safe and successful completion of the
N3&4 Train-6 & Total Shutdown 2025



Ahmad Hassan Al-Sulaiti
N3&4 Asset Manager



Maeen Ur Rahman
Shutdown Project Manager





OIL AND NATURAL GAS CORPORATION LTD

MH ASSET, MUMBAI OFFSHORE, NQO COMPLEX, MUMBAI

TELEPHONE: 022-7222214, 7222816/20, TELE FAX: 022-7222825/11

From Office of Chief Production Engineer, NQO Complex, MH Asset, Mumbai.

COMPLETION CERTIFICATE

Ref No : ONGC/SF-CON/PC- 2014

Date : 18-04-2015

This is certified that Mr.MARIAPPAN T is working at mumbai offshore, since past years from 05-08-2014 to 18-04-2015 . He is fully acquainted with MECHANICAL TECHNICIAN in unmanned platforms at offshore.

(H P Satish)

Chief Engineer (Prod), ONGC

MH Asset, Mumbai offshore

Mobile: 9969220984

NQ-COMPLEX
PLATFORM MANAGER
H. P. SATHISH





DEMAC

DEMAC TECHNOLOGIES PRIVATE LIMITED

(OPERATION, MAINTENANCE & COMMISSIONING CONTRACTOR FOR : MECHANICAL,
INSTRUMENTATION & ELECTRICAL PROJECTS IN CHEMICAL, PETROCHEMICAL & THERMAL POWER
PLANT) SB-21, AIWARY TERRACE, OPPOSITE GOVERNMENT GUEST HOUSE, NEAR STANDARD CHARTED BANK,
ALKAPURI, VADODARA – 390007 PNONE +(91)-265-2337704, 2343051

Date: 13/06/2021

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.MARIAPPAN.T has worked the position of MECHANICAL TECHNICIAN with us from Aug 2020 to June 2021 at LPSC-ISRO Site Hyderabad.

During this period he carried out his duties in a very professional and proficient manner.

The reason for his leaving was only due to the loss of the contract by his company at tender.

We wish him good luck and success in his future assignments.

D.Ragunath
(For Demac Technologies Pvt Ltd)



Ref:DEB/HR/18/377

Date: 30th Dec 2018

To Whom It May Concern

This is to certify **Mr. Mariappan Thangavel (Emp.No.4610)** holder of **Indian Passport No.N0067934** had worked with us as **Mechanical Technician** from June 2015 to Dec 2018 in Doha, Qatar.

His skills and qualification proved successful with regards to task assigned to him.

Issued this 30th Dec 2018 at Doha, Qatar.


K. Sivaankaran
Site Manager

DEBAJ Industrial Services W.L.L.
R.O.C. No.: 24213
C.R No.: 26761
Doha - Qatar

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'PP' 'S' 'U' 'U2' 'R' 'NB' 'PED'
ASME ASME ASME ASME NBBI NBBI PED



Ref : 2020/KB-SS/8204

Date: 15-06-2020

To Whom It May Concern

This is to certify that Mr.MARIAPPAN THANGAVEL, holder of Indian Passport No.N0067934 was deputed to Arabian Power under our sponsorship as MECHANICAL TECHNICIAN from 12-02-2019 to 15-06-2020.

During the above tenure we found him regular,honest and diligent in his duties and responsibilities.

We wish him all success in his future endeavors.

Star Services LLC



Human Resources Department



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ASIA / 1976

PIN:627105, TAMIL NADU, INDIA
जुने पासपोर्ट का नं. और दस्तावेज़ जारी होने की तिथि यह स्थान / Old Passport No.:
N0067934
पासपोर्ट नं./ File No.:
QT0075490436325
11/06/2015

PIN: 627105, TAMIL NADU, INDIA
 जुने पासपोर्ट का नं. और इसके जारी होने की तिथि वर्ष-माह - Old Passport No. with Date and Place of Issue
N0067934 **11/06/2015** **MADURAI**

20, AMBEDKAR NAGAR STREET
KAVALKINARU, TIRUNELVELI RURAL

मातृ का नाम / Name of Mother
KANAGARANI
पति या पत्नी का नाम / Name of Spouse:
पता / Address

पिता / कानूनी जीवनपत्र का नाम/ Name of Father / Legal Guardian
THANGAVEL

C6803384



Ministry of Health & Family Welfare
Government of India

Certificate for COVID-19 Vaccination

Issued in India by Ministry of Health & Family Welfare, Govt. of India

Certificate ID 30321929096

Beneficiary Details

Beneficiary Name / பெயர்	Mariappan
Age / வயது	27
Gender / பாலிசும்	Male
ID Verified / அடையாளச் சான்று	Passport # N0067934
Unique Health ID (UHID)	
Beneficiary Reference ID	31548386729485
Vaccination Status / தடுப்புச் சிலை	Fully Vaccinated (2 Doses)

Vaccination Details

Vaccine Name / தடுப்புசியின் பெயர்	COVISHIELD	
Vaccine Type / தடுப்புசி வகை	COVID-19 vaccine, non-replicating viral vector	
Manufacturer / உற்பத்தியாளர்	Serum Institute of India Pvt. Ltd.	
Dose Number / டோஸ் எண்	1/2	2/2
Date of Dose / டோஸ் வழங்கப்பட்ட தேதி	29 Aug 2021	02 Jan 2022
Batch Number / பெட் எண்	4121P160	4121MC102
Vaccinated By / தடுப்புசியை வழங்கியவர்	Subha	
Vaccination At / தடுப்புசி வழங்கப்பட்ட இடம்	Palavoor APHC, Tirunelveli, Tamil Nadu	



“மருந்து மற்றும்
மனவறுதியுடன்
Together, India will defeat
COVID-19”

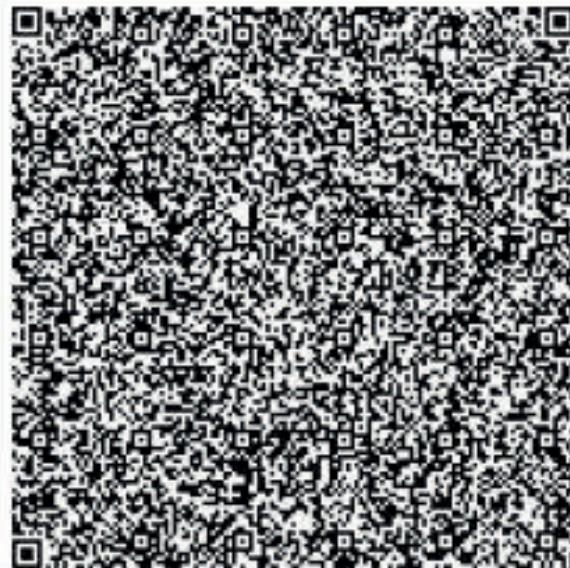
- பிரதம அந்தரி நான்திர மேநி

In case of any adverse events, kindly contact the nearest Public Health Center/
Healthcare Worker/District Immunization Officer/State Helpline No. 1075

ஏதோம் நல்லிடங்களைப்படித்தல், தவிர செய்து கூறுவதையுமின்று போடு
காஷா கூவை / குறிச்சியை பொருத்துவதையும் / மாட்டு தடுப்புசி கழுவை /
மாற்ற காலி கால் 1075ஐ இடையிட வேண்டும்.



Winning Over COVID



This certificate can be verified by scanning the QR code at
<http://verify.cowin.gov.in>