

ISSUED ON BEHALF OF THE DEPARTMENT OF SHIPPING
GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH



Form No: SMC

SL NO. 04.2023.4290

SEAFARER MEDICAL CERTIFICATE

This certificate is issued in accordance with Bangladesh Merchant Shipping Ordinance, 1983 and Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watch keeping Rules, 2011 in compliance with the International Convention on Standards of Training Certificate and Watch keeping for Seafarers, 1978 as amended (STCW'78) and Regulation 1.2 of the Maritime Labour Convention, 2006

SEAFARER INFORMATION:

Name: Last LEESUN First MOHAMMAD ASRAFUL HAQUE Middle
Gender: (Male/Female) MALE Nationality: BANGLADESHI Date: 27 JUN 2023
Occupation: Deck/Engine/Catering/Other (specify) DECK Rank: 2ND OFFICER
Father's/ Husband's name: MD. TAYBUR RAHMAN C.D.C No. C1017313
Mother's Name: ASRAFUN NAHAR Seaman ID No. 050005343
Address: House No. Street/ Road No. Passport No. B00000891
Locality/Village: SABUGBAGH NID No. 6008205400
P.O. MADARIPUR SADAR Date of Birth: 02/02/1993
P.S. MADARIPUR SADAR (DD/MM/YYYY)
District: MADARIPUR

DECLARATION OF THE RECOGNIZED MEDICAL PRACTITIONER:

I am duly authorized by the Department of Shipping, Government of the People's Republic of Bangladesh and confirm the followings:

- Confirmation that identification documents were checked at the point of examination ☒ YES/NO
- Hearing meets the standards in section A-I/9 ☒ YES/NO
- Unaided hearing satisfactory? ☒ YES/NO
- Visual acuity meets standards in section A-I/9? ☒ YES/NO
- Colour vision meets standards in section A-I/9? ☒ YES/NO
Date of last colour vision test 27 JUN 2023
- Fit for lookout duties? ☒ YES/NO
- Is the seafarer free from any medical condition likely to be aggravated by service at sea or to render the seafarer unfit for service or to render the health of any other persons on board? ☒ YES/NO
- Any limitations or restrictions on fitness? ☒ YES/NO

If YES, specify limitations or restrictions:

Duties:

Location/Vessel:

Medical/Other:

9. Medical fitness category : ☒ Fit-No restriction ☐ Fit-Subject to restrictions ☐ Unfit

10. Date of examination/Issue (DD/MM/YYYY) 27 JUN 2023

11. Date of expiry (DD/MM/YYYY) 26 JUN 2025 "No more than 2 years from the date of examination".

I have read the contents of the certificate and have been informed of the right to review.

LEESUN
Seafarer's Signature



DR. MIR. MD. RAIHAN
MBBS (DU), DFM, CCD (Birdem), PGT (Ophth)
BMDC A-55144, MMC-BGD-016
DG Shipp.ng Bangladesh Approved
General Physician
Radical Hospitals Limited.
Name & Signature of the practitioner:

MEDICAL REQUIREMENTS

All applicants for an officer certificate, Seafarer's Identification and Record Book or certification of special qualifications shall be required to have a physical examination reported on this Medical Form completed by a certificated physician. The completed medical form must accompany the application for officer certificate, application for seafarer's identity document, or application for certification of special qualifications. This physical examination must be carried out not more than 24 months prior to the date of making application for an officer certificate, certification of special qualifications or a seafarer's book. The examination shall be conducted in accordance with the International Labor Organization World Health Organization, *Guidelines for Conducting Pre-sea and Periodic Medical Fitness Examinations for Seafarers (ILO/WHO/D.211997)*. Such proof of examination must establish that the applicant is in satisfactory physical and mental condition for the specific duty assignment undertaken and is generally in possession of all body faculties necessary in fulfilling the requirements of the seafaring profession.

In conducting the examination, the certified physician should, where appropriate, examine the seafarers previous medical records (including vaccinations) and information on occupational history, noting any diseases, including alcohol or drug -related problems and/or injuries. In addition, the following minimum requirements shall apply:

(a) Hearing:

- All applicants must have hearing unimpaired for normal sounds and be capable of hearing a whispered voice in better ear at 15 feet (4.57m) and in poorer ear at 5 feet (1.52m).

(b) Eyesight:

- Deck officer applicants must have (either with or without glasses) at least 6/6 [20/20] (1.00) vision in one eye and at least 6/12 [20/40] (0.50) in the other. If the applicant wears glasses, he must have vision without glasses of at least 6/45 [20/150] (0.13) in both eyes. Deck officer applicants must also have normal color perception and be capable of distinguishing the colors red, green, blue and yellow.
- Engineer and radio officer applicants must have (either with or without glasses) at least 6/9 [20/30] (0.67) vision in one eye and at least 6/15 [20/50] (0.40) in the other. If the applicant wears glasses, he must have vision without glasses of at least 6/60 [20/200] (0.10) in both eyes. Engineer and radio officer applicants must also be able to perceive the colors red, yellow and green.

(c) Dental:

- Seafarers must be free from infections of the mouth cavity or gums.

(d) Blood Pressure:

- An applicant's blood pressure must fall within an average range, taking age into consideration.

(e) Voice:

- Deck/Navigation officer applicants and Radio officer applicants must have speech which is unimpaired for normal voice communication.

(f) Vaccinations:

- All applicants shall be vaccinated according to the requirements indicated in the WHO publication, International Travel and Health, Vaccination Requirements, and Health Advice, and shall be given advice by the certified physician on immunizations. If new vaccinations are given, these shall be recorded.

(g) Diseases or Conditions:

- Applicants afflicted with any of the following diseases or conditions shall be disqualified: epilepsy, insanity, senility, alcoholism, tuberculosis, acute venereal disease or neurosyphilis, AIDS, and/or the use of narcotics. Applicants diagnosed with, suspected of, or exposed to any communicable disease transmissible by food shall be restricted from working with food or in food - related areas until symptom-free for at least 48 hours.

(h) Physical Requirements:

- Applicants for able seaman, bosun, GP-1, ordinary seaman and junior ordinary seaman must meet the physical requirements for a deck/navigation officer's certificate.
- Applicants for fireman/watertender, oiler/motorman, pumpman, electrician, wiper, tankerman and survival craft/rescue boat crewman must meet the physical requirements for an engineer officer's certificate.

IMPORTANT NOTE:

An applicant who has been refused a medical certificate or has had a limitation imposed on his/her ability to work, shall be given the opportunity to have an additional examination by another medical practitioner or medical referee who is independent of the shipowner or of any organization of shipowners or seafarers.

Medical examination reports shall be marked as and remain confidential with the applicant having the right of a copy to his/her report. The medical examination report shall be used only for determining the fitness of the seafarer for work and enhancing health care.

DETAILS OF MEDICAL EXAMINATION:

(To be completed by examining physician; alternatively, the examining physician may attach a form similar or identical to the model provided in Appendix 1):

1. Complete physical Examination.

2. Pathological Examination:

a. CBC b. ESR c. HBSAG d. LFT e. ECG f. RBS g. URINE R/M/E

27 JUN 2023

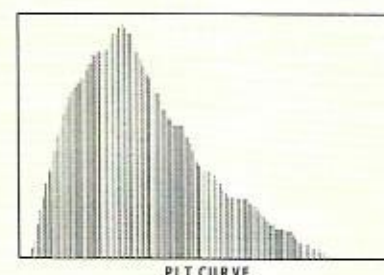
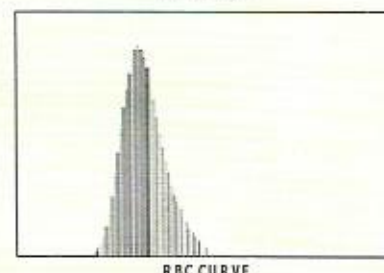
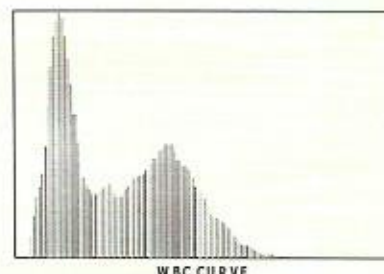
DR. MIR. MD. RAIHAN
MBBS (DU), DFM, CCD (Birdem), PGT (Ophth)
BMDC A-55144, MMC-BGD-016
DG Shipping Bangladesh Approved
General Physician
Radical Hospitals Limited

Id No : 0692 **Date** : 27-Jun-2023 **D.Date** : 27-Jun-2023
Patient's Name : MOHAMMAD ASRAFUL HAQUE LEESUN **Age** : 30Y 4M 25D **Gender** : Male
Specimen : Blood
Doctor Name : Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM CDC NO:C/O/7313

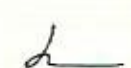
Haematology Report

(Relevant estimations were carried out by Mythic-One Auto Haematology Analyzer & checked manually)

Parameter Name	Results	Reference Range
Hemoglobin (Hb)	16.0 gm/dl	M:13-18 gm/dl. F:11.5-16.5 gm/dl. Child:10-13 gm/dl.
ESR(Westergreen)	06 mm/1st hr	Infant: (One year):8-10 gm/dl. Male:0-10, F:0-20 mm/1st hr.
Total WBC Count(TC)	8,400 /cumm	Adult: 4000 - 11000/cumm. Children: 5,000-15,000/cumm Infant(One Year): 6,000-18,000/cumm
Differential WBC Count (DC)		
Neutrophils	62 %	Child: 25-66 %, Adult: 40-75 %
Lymphocytes	32 %	Child: 52-62 %, Adult: 20-50 %
Monocytes	04 %	Child: 03-07 %, Adult: 02-10 %
Eosinophils	02 %	Child: 01-03 %, Adult: 01-06 %
Basophils	00 %	Adult: 00-01 %
Total Cir. Eosinophils	168 /cumm	50-450/cumm
Total RBC Count	5.65 m/ul	M: 4.5-6.5, F:3.8-5.8 m/ul
HCT/PCV	44.8 %	M: 40-54%, F:37-47%
MCV	79.3 fL	76 - 94 fL
MCH	28.3 pg	27 - 32 pg
MCHC	35.7 g/dL	29 - 34 g/dL
RDW	13.8 %	11 - 16 %
PDW	12.8 fL	35 - 56 fL
Total Platelete Count (PC)	230000 /cumm	150,000-450,000/cumm
MPV	11.1 fL	7.0 - 11.0 fL
PCT	0.118 %	0.1 - 0.5 %
Bleeding Time(BT)	%	10 - 18 %
Cloting Time(CT)	%	0.1- 0.2 %




Checked By
 Medical Technologist


Dr. Sumaiya Khatun
 MBBS,MD(Gold Medalist) (BSMMU)
 Associate Professor
 Dept. Of Microbiology
 East West Medical College & Hospital.

Bill No	DIA23060692	Received Date	27/06/2023
Patient's Name	MOHAMMAD ASRAFUL HAQUE LEESUN		
Patient's Age	30Y 4M 25D	Patient's Sex	Male
Ref. by	Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM		CDC NO:C/O/7313
Sample	BLOOD		

BIOCHEMISTRY REPORT

<u>Test Name</u>	<u>Result</u>	<u>Reference Range</u>
<u>Liver Function Test</u>		
Serum Bilirubin (Total)	0.7 mg/dl	0.2 - 1.1 mg/dl
Serum ALT (SGPT)	21 U/L	Up to 40 U/L
Serum Alkaline Phosphatase	125 U/L	98 - 279 U/L
Serum AST (SGOT)	22 U/L	Up to 37 U/L

REMARKS (IF ANY)

IN VIEW OF THE LIVER FUNCTION TEST RESULT, HIS BLOOD IS FREE FROM TOXIC EFFECT OF CHEMICALS

Checked By

Medical Technologis
Radical Hospitals Ltd.

Dr. Sumaiya Khatun
M BBS, MD (Microbiology)
Associate Professor
Dept. of Microbiology
East West Medical College and Hospital

Bill No	DIA23060692	Received Date	27/06/2023
Patient's Name	MOHAMMAD ASRAFUL HAQUE LEESUN		
Patient's Age	30Y 4M 25D	Patient's Sex	Male
Ref. by	Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM CDC NO:C/O/7313		
Sample	BLOOD		

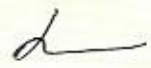
SEROLOGICAL REPORT

HIV 1 & 2 (Method : (ICT)	Negative
HBsAg (Method : (ICT)	Negative

RADICAL

Checked By


Medical Technologist
Radical Hospitals Ltd.

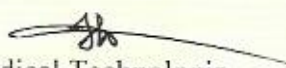

Dr. Sumaiya Khatun
MBBS, MD (Microbiology)
Associate Professor
Dept. of Microbiology
East West Medical College and Hospital

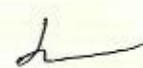
Bill No	DIA23060692	Received Date	27/06/2023
Patient's Name	MOHAMMAD ASRAFUL HAQUE LEESUN		
Patient's Age	30Y 4M 25D	Patient's Sex	Male
Ref. by	Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM	CDC NO	C/O/7313
Sample	BLOOD		

CHEMICAL TEST

<u>TEST NAME</u>	<u>RESULTS</u>
CARCINOGENIC	NORMAL
ISOCYANATE	NORMAL
VINYL ACETATE	NORMAL
EPICHLOROHYDRIN	NORMAL
PHENOLS CRESOLS	NORMAL

Checked By


 Medical Technologist
 Radical Hospitals Ltd.


 Dr. Sumaiya Khatun
 MBBS, MD (Microbiology)
 Associate Professor
 Dept. of Microbiology
 East West Medical College and Hospital

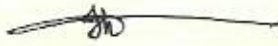
Bill No	DIA23060692	Received Date	27/06/2023
Patient's Name	MOHAMMAD ASRAFUL HAQUE LEESUN		
Patient's Age	30Y 4M 25D	Patient's Sex	Male
Ref. by	Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM CDC NO:C/O/7313		
Sample	URINE		

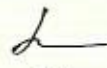
DRUG ABUSE TEST

METHOD: Immunochromatographic Assay (Rapid one Step Test)

Test Name	Result
Drug Level of Urine	
Cocaine	Negative
Morphine	Negative
Marijuana	Negative
Barbiturates	Negative
Amphetamines	Negative
Phencyclidine	Negative
Alcohol	Negative
Benzodiazepines	Negative
Methadone	Negative
Propoxyphene	Negative

Checked By


Medical Technologist
Radical Hospitals Ltd.


Dr. Sumaiya Khatun
MBBS, MD (Microbiology)
Associate Professor
Dept. of Microbiology
East West Medical College and Hospital

Date: 27/06/2023

EYE EXAMINATION REPORT

NAME:	MOHAMMAD ASRAFUL HAQUE LEESUN		
AGE:	30 YRS	RANK: 2 ND OFF	CDC NO: C/O/7313

VISUAL ACUITY:

RIGHT

LEFT

UNAIDED

6/6

6/6

AIDED

COLOUR VISION: NORMAL / ~~BLIND~~

OPINION : ~~UNFIT~~ / FIT FOR EMPLOYMENT ON BOARD



Dr. Mir Md. Raihan
MBBS, PGT (Ophthalmology)
Assistant Registrar (EX)
East west Medical College & Hospital

DEPARTMENT OF RADIOLOGY & IMAGING

ID. No. : 23060692 Receive: Print: 27/06/2023
Patient's Name : MOHAMMAD ASRAFUL HAQUE LEESUN
Age : 30 YRS Sex : M
Refd. by : Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM

ELECTROCARDIOGRAM (E.C.G) REPORT

Rate : 79 b/min

Rhythm : Regular

P-Wave : Normal

P-R Interval : Normal

QRS Complex : Normal

ST. Segment : Is electric

T. Wave : Normal

Impression : Findings are within normal limit.


Dr. Debashish Paul

MBBS, MD (Cardiology)

Associate Professor

Department of Cardiology

Sylhet Women's Medical College Hospital

This report has been electronically signed

Page 1 of 1

Patient ID	23060692	Voucher No	
Test Name	USG OF WHOLE ABDOMEN	Delivery Date	27/06/2023
Patient Name	MOHAMMAD ASRAFUL HAQUE LEESUN		
Age	30 YRS	Sex	Male
Refd. By	DR. MIR MD. RAIHAN MBBS,(DU),DFM		

THANK YOU FOR THE COURTESY OF THIS REFERRAL

LIVER :- Is normal in size 13.0cm shape and position. The echogenicity of the parenchyma is normal. Intrahepatic biliary channel are not dilated. No focal lesion is seen.

GALL BLADDER :- Normal size regular in shape. **Lumen is normal.**

Wall thickens is normal.

CBD & Intrahepatic biliary trees are not dilated. Diameter of CBD is normal.

PANCREAS :- Is normal in size margin are regular parenchyma show normal echo-texture pancreatic duct is not dilated. No focal area of altered echogenicity or calcification is seen.

SPLEEN :- Is normal in size and shape uniform in echo-texture.

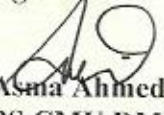
BOTH KIDNEYS :- Are normal in size. RK-9.0cm, LK-10.0cm The cortical echogenicity are normal with clear cortico-medullary differentiation. The cortical thicknesses are normal. The renal sinus shows normal echogenicity and thickness. P-C systems are not dilated.

URINARY BLADDER : Is well filled. Wall thickness is within normal limit. No intravesicle lesion is seen

Prostate: Normal size regular in shape. Echogenicity is homogenous.

COMMENT: Normal Study.

Sonologist


Dr. Asma Ahmed
MBBS,CMU,DMU
PGT(Gynae & obs)
Advanced Training in TVS

Patient's Name	:	MOHAMMAD ASRAFUL HAQUE LEESUN	Date	:	27/06/2023
Age	:	30 Yrs	CDC NO:	:	C/O/7313
Sex	:	Male			
Referred by	:	Dr. Mir Md. Raihan - MBBS, (DU), DFM			

Psychometric Test

Test Name	Remarks
1.APTITUDE TEST	
Numerical Reasoning test	Poor /Good /very good /excellent
Verbal Reasoning test	Poor /Good /very good /excellent
Inductive reasoning test	Poor /Good /very good /excellent
Diagrammatic Reasoning test	Poor /Good /very good /excellent
Logical Reasoning test.	Poor /Good /very good /excellent
Error checking test	Poor /Good /very good /excellent
2.Skill Test	Poor /Good /very good /excellent
3.Personality Test	INFJ / ENFJ / ISFJ / ENTP/ ESFJ /ESFP
4.Watson Glaser test(Critical Thinking Test)	
Arguments	Poor /Good /very good /excellent
Assumptions	Poor /Good /very good /excellent
Deductions	Poor /Good /very good /excellent
Interpreting Information's	Poor /Good /very good /excellent
Inferences	Poor /Good /very good /excellent
5.Situational Judgment Test.	Poor /Good /very good /excellent
Poor: <6	Good: 6-7
very good: 7-8	excellent: 8-10

COMMENTS: HE IS MENTALLY FIT FOR SHIP JOB



Dr. Mir Md. Raihan

MBBS (DU), DFM, CCD (Birdem), PGT (ophth)
Reg- A55144 BGD-016(MMC)
DG Shipping Bangladesh Approved
Malaysian Medical Council Approved
General Physician
Radical Hospitals Limited



TREADMILLSTRESS TEST

Patient ID	23060692	Test Date	27-06-2023		
Patient Name	MOHAMMAD ASRAFUL HAQUE LEESUN	Age	30 Yrs	Sex	Male
Attending Dr.	Dr. ROSEYAT PERVEEN				

Total Exercise Time : 09:02 Min Max.HR attained : 162 bpm.
 % of max.pred. hR : 97 % Max. Pred HR : 168 bpm.
 Maximum BP : 150/90 mmHg. Max. work load attained : 12.30METS.
 Indication : Screening for IHD.
 Risk Factors :
 Reason for Termina : Attainment of THR.
 Test Profile : BRUCE
 Symptoms :

Summary Result ⇒ **NEGATIVE**

Comments :

- MOHAMMAD ASRAFUL HAQUE LEESUN performed stress test in Bruce protocol for the evaluation of IHD (angina pectoris).
- Exercise capacity was good.
- Inotropic and chronotropic responses were normal.
- Stress test was terminated because of Attainment of THR
- ECG at rest showed no abnormality.
- ECG during exercise & Recovery showed no significant ST-T changes.

Conclusion : Stress test is **NEGATIVE** for ECG evidence of promotable myocardial ischemia.

Dr. ROSEYAT PERVEEN

MBBS, MD (Cardiology), NICVD, Dhaka
 Consultant, IBN SINA D-Lab, Uttara, Dhaka

AUDIOLOGICAL REPORT

Patient Name : MOHAMMAD ASRAFUL HAQUE LEESUN

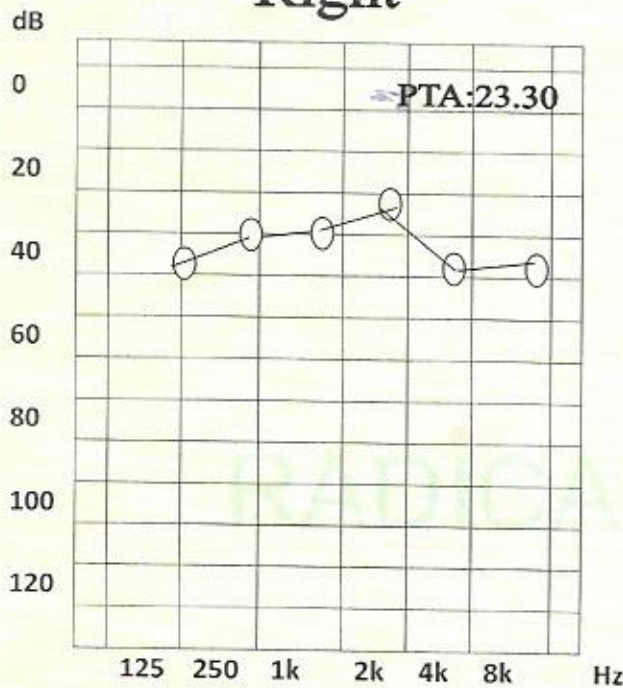
27/06/2023

Age : 30 Yrs

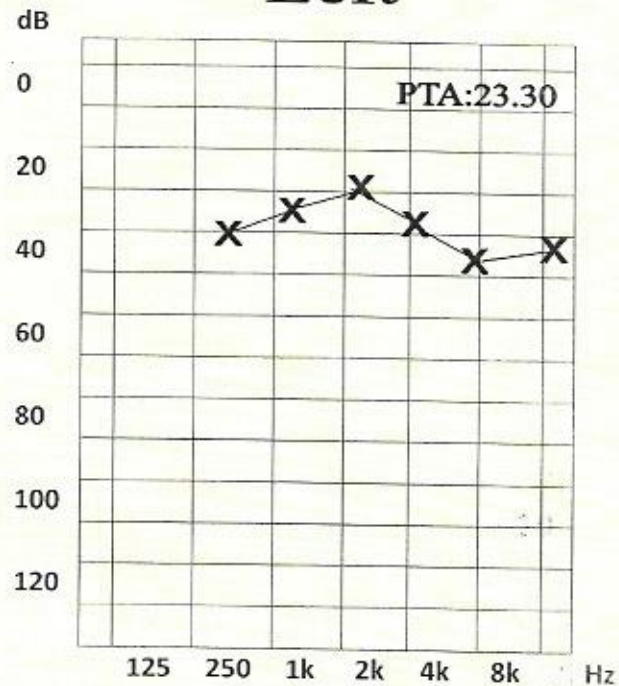
Address : RHL, UTTARA

Referred By : Dr. Mir Md. Raihan , MBBS,(DU), DFM

Right



Left



0-25= Normal Hearing.
26-40= Mild Hearing Loss.
41-55= Moderate Hearing Loss.
56-70= Moderately Severe Hearing Loss.
71-90= Severe Hearing Loss.
91-120= Profound Hearing Loss.

	Right Ear	Left Ear
Air Unmasking OX		
Bone Unmasking		
Air Masking OX		
Bone Masking ΔΔ		

Remark's:-

Right Ear: Normal Hearing.

Left Ear: Normal Hearing.

DEPARTMENT OF RADIOLOGY & IMAGING

ID. No. : 23060692 Receive: 27/06/2023 Print: 27/06/2023
Patient's Name : **MOHAMMAD ASRAFUL HAQUE LEESUN**
Age : 30Yrs Sex : M
Refd. by : Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM

X-RAY OF CHEST (DIGITAL)

Diaphragm : Both hemidiaphragm are normal in position.
C-P angles are clear.

Heart : Normal in T.D.

Lung : Lung fields are clear.

Bony thorax : Reveals no abnormality.

Comments : Normal chest skiagram.



Prof. Dr. Md. Mojibor Rahman
MBBS, DMRD (Radiology & Imaging)
Head of the Department (Radiology & Imaging)
Sylhet Women's Medical College Hospital