1. **INTRODUCTION.**

1.1 In order to obtain a Flight Crew Licence or Air Traffic Control Licence, it is necessary for the candidate to have medical clearance at a standard appropriate to the licence applied. Within Malaysia, Designated Medical Examiners perform the necessary Medical Examinations for the Flight Operations Division (FOD) in Dept. of Civil Aviation (DCA), Ministry of Transport, Malaysia. All communications / correspondence related to Medical standards, Flight Crew and ATCO Licensing shall be addressed to FOD, DCA. (See Appendix 1 for addresses and contact persons).

1.2 Ophthalmologists with knowledge of and training in Aviation Ophthalmology are designated as Designated Aviation Ophthalmologists (DAO). (See Appendix 2)

2. **Medical Examination for Initial Issue and Renewal of Aircrew and Air Traffic Controllers’ Licence**

2.1 The medical examinations for above Licences are performed by Aviation Medical Examiners who based on their qualification and experience are so designated and are known as Designated Aviation Medical Examiners (DAME). This AIC provides the latest list of DAMEs. (See Appendix 3)

3. **Student Pilot's Licence and Private Pilot's Licence Medical Examinations.**

3.1 The medical examination for initial issue or renewal of a Student Pilot’s Licence (for General Aviation) or Private Pilot’s Licence may be conducted by a DAME. If due to distant / remote region, a DAME is not available it can then be done by a duly qualified Medical Practitioner. It shall be conducted in accordance with DCA/PBT/1(M) in duplicate (Forms are obtainable from Aircrew Licensing Unit Flight Ops. Division (FOD), DCA. The original medical examination form with results of required investigations should be sent to the following address as soon as possible. It should reach DCA Office within 30 days. (See Appendix I)

   FLIGHT OPERATIONS DIVISION, DEPARTMENT OF CIVIL AVIATION MALAYSIA LEVEL 2, BLOCK D5, PARCLE D FED. GOVERNMENT ADMINISTRATIVE CENTRE 62502 PUTRAJAYA, MALAYSIA TEL: 03-88866000 FAX: 03-88891541

3.2 The duplicate of the form is to be kept by the DAME for his own records and future reference.
4. Professional Flight Crew Licence Medical Examinations

4.1 Medical examination for the Initial Student Pilots Licence for professional Flight crew training and renewal of Professional Flight crew licence shall be conducted by a DAME.

4.2 To avoid delays in the renewal of a licence, all applications for renewal shall be made to the DAME at least Six Weeks (42 Days) before the expiry of Medical Certificate.

4.3 The DAME shall cause two copies of DCA/PBT/1(M) to be made. He shall retain one copy for future reference and despatched the original to the above address.

4.4 In the case of Initial issuance of a license the DAME shall complete the medical examination forms (DCA/PBT/I(M) in duplicate. Irrespective of the outcome of the medical examination the DAME should dispatch the completed forms (together with necessary investigation results to the Aircrew Licensing Unit DCA. No Medical Certificate should be issued by the DAME after the Initial Medical Exam.)

4.5 For Renewal Medical Examinations, where the DAME feels satisfied as to the physical fitness of an applicant, he might issue a Medical Certificate, DCA7-MC to the applicant. This medical certificate is to be retained by the applicant and to be produced at FOD, DCA for licensing requirements.

4.6 For Pilots reaching age 60 years or above (both Commercial & Private) current regulations require exemption by Minister of Transport. As such DAMEs can perform the Medical Examination and the required cardiac evaluation (including Stress test) however no Medical Certificate can be issued except by the DCA.

4.7 Where doubt exists as to the physical condition / fitness of an applicant, NO Medical Certificate shall be issued, and the case referred to the Chief Medical Assessor at Flight Operations Division (FOD) DCA or the completed forms sent to the DCA, for further evaluation and action. DCA may request further investigations as may deem necessary. The cost of all such investigations shall be borne by the applicant.

4.8 The Chief Medical Assessor after reviewing the finding of the medical examination and or results of investigations may issue the medical certificate or refer the case to the DCA Medical Board.

5. DCA MEDICAL BOARD

5.1 The DCA Medical Board after deliberation shall reach an accredited medical conclusion to:

5.1.1 issue the Licence;
5.1.2 issue Licence with a waiver;
5.1.3 recommend temporary grounding;
5.1.4 recommend permanent grounding; or
5.1.5 where there is denial of a medical certificate by the DCA Medical Board, the applicant may appeal to the Director General of DCA for reconsideration. Such reconsideration shall be based on relevant new information or evidence.
5.2 The DCA Medical Board shall consists of the following: -

5.2.1 President of the Board - who shall be the senior physician with Aviation Medical Knowledge.

5.2.2 Two (2) members, Director of Medical Branch, RMAF and Chief Medical Assessor, or their nominees. (See Appendix 3).

6. Air Traffic Controller’s Licence Medical Examinations

6.1 The medical examination for initial issue or renewal of an Air Traffic Controller’s Licence shall be conducted in accordance with DCA/PBT/1M, by a DAME. (See DAME List Appendix 2).

6.2 For initial medical examination no medical certificate is to be issued by the DAME. The completed forms together with relevant reports shall be forwarded to the DCA and reach the following address within 30 days of the date of examination.

   ATS Inspectorate Division
   Department of Civil Aviation Malaysia
   Level 3, BLOCK D5, Parcel D,
   Fed. Government Administrative Centre
   62502, PUTRAJAYA, MALAYSIA,
   TEL : 03-88866000, FAX : 03-88891541
   (for contact persons see Appendix 1)

6.3 To avoid delays in the renewal of a licence, all applications for renewal shall be made to the DAME at least Six Weeks (42 Days) before the expiry of Medical Certificate.

6.4 The initial Medical Certificate shall be issued by the ATS Inspectorate Division after the completed forms have been reviewed by the Chief Medical Assessor.

6.5 For Renewal Medical Examinations, where the DAME feels satisfied as to the physical fitness of an applicant, he may issue a Medical Certificate, DCA/PBT/4 to the applicant. This medical certificate is to be retained by the applicant and to be produced at ATS Inspectorate DCA for licensing requirement.

6.6 Where doubt exists as to the physical condition of an applicant after a renewal Medical Examination, NO Medical Certificate is to be issued. The completed Forms should be sent to the ATS Inspectorate Division for review by the Chief Medical Assessor.

6.7 The Chief Medical Assessor after reviewing the finding of the medical examination and/or results of investigations may issue the medical certificate or refer the case to the DCA Medical Board.

6.8 The DCA Medical Board after deliberation shall reach an accredited medical conclusion to:

6.8.1 issue the licence; or

6.8.2 issue a waiver; or

6.8.3 recommend temporary grounding; or

6.8.4 recommend permanent grounding.
6.9 Where there is denial of a medical certificate by the DCA Medical Board, the applicant may appeal to the Director General of DCA for reconsideration. Such reconsideration shall be based on relevant new information or evidence.

7. MEDICAL ASSESSMENTS.

7.1 Three Classes of Medical Assessment shall be established as follows:

7.1.1 **Class I Medical Assessment applies to applicants for, and holders of:**

7.1.1.1 Commercial Pilot’s Licence – Aeroplane and Helicopter
7.1.1.2 Airline Transport Pilot’s Licence – Aeroplane and Helicopter
7.1.1.3 Flight Navigator’s Licence
7.1.1.4 Flight Engineer’s Licence
7.1.1.5 Student Pilots perusing Professional flight crew training

7.1.2 **Class 2 Medical Assessment applies to applicants for and holder of:**

7.1.2.1 Private Pilot’s Licence – Aeroplane and Helicopter
7.1.2.2 Glider Pilot’s Licence
7.1.2.3 Free Balloon Pilot’s Licence

7.1.3 **Class 3 Medical Assessment applies to applicants for and holders of:**

7.1.3.1 Air Traffic Controller’s Licence.

7.2 **Validity of each Class of Licence**

7.2.1 The Validity of each Class of Licence according to CARs is shown in Appendix 4.

7.3 **DAME Aviation Medical Guidance Handbook**

7.3.1 DAMEs are advised to regularly refer the above Handbook for current Aviation Medical knowledge and consensus so that their Medical Assessment decisions are in compliance with current accepted Aviation Medical Standards & Recommendations.

7.3.2 DAME’s Guidance Handbook is regularly updated & issued by Flight Operations Division (FOD) of DCA.

7.4 This AIC also makes amendments to Aeronautical Information Circular 15/2000 dated 26th. May 2000, which is hereby superseded. This Aeronautical Information Circular (AIC) becomes effective on January 1st 2005.

DATO’ IR KOK SOO CHON  
Director General  
Department of Civil Aviation  
Malaysia
Aircrew Medical Certificate and Licensing Administration

FLIGHT CREW LICENSING UNIT
DEPARTMENT OF CIVIL AVIATION MALAYSIA
LEVEL L2, BLOCK D5, PARCEL D,
FED. GOVERNMENT ADMINISTRATIVE CENTRE
62502 PUTRAJAYA, MALAYSIA
TEL : 03-88866000   FAX : 03-88891541

Contact Persons - Director of Flt Ops. DCA
- Aircrew Licensing Officer, DCA

ATCO Medical Certificate and Licensing Administration

ATS Inspectorate Division
Department of Civil Aviation Malaysia
Level 3, BLOCK D5
Fed. Government Administrative Centre
62502, PUTRAJAYA,
MALAYSIA.
TEL : 03-88866000 ext. 6076 FAX : 03-88891541

Contact Person - Deputy Director ATS Inspectorate, DCA

Chief Medical Assessor –

DR. B. JAGDEV SINGH 29, JALAN TANJONG 5/4 03-79566878 (Tel)
(CHIEF MEDICAL ASSESSOR) 46000 PETALING JAYA, 03-79542655 (Fax)
SELANGOR DARUL EHSAN 017-885 0755
# DESIGNATED AVIATION MEDICAL EXAMINERS IN MALAYSIA AND OVERSEAS

## D.A.M.E. – INITIAL AND RENEWAL (ALL CLASSES)

<table>
<thead>
<tr>
<th>D.M.E. NO.</th>
<th>NAME</th>
<th>ADDRESS</th>
<th>TEL/FAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>DR. B. JAGDEV SINGH</td>
<td>DRS YOUNG, NEWTON &amp; PARTNERS</td>
<td>48 JALAN 52/4, 46200 PETALING JAYA, SELANGOR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03-79569400 (Tel) 03-79542655 (Fax)</td>
</tr>
<tr>
<td>2.</td>
<td>COL. (DR.) ZAHARI JUSOH</td>
<td>RMAF INSTITUTE OF AVIATION MEDICINE, JALAN LAPANGAN LAMA, 50460, K. LUMPUR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03-21171133 (Tel) 03-21482549 (Fax)</td>
</tr>
<tr>
<td>3.</td>
<td>LT. COL. (B) DR. DALBIR SINGH SAGOO</td>
<td>TWIN TOWERS MEDICAL CENTRE</td>
<td>LOT 401 F&amp;G, LEVEL 4, SURIA KLCC, 50088 KUALA LUMPUR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03-23822000 (Tel) 03-23829000 (Fax)</td>
</tr>
<tr>
<td>4.</td>
<td>LT. COL.(R) MOHAMED ZAINUDDIN</td>
<td>PAKATAN MEDICAL AMPANG</td>
<td>16 TH FLOOR, BGN ARAB MALAYSIAN, 55 JALAN RAJA CHULAN, 50200, KUALA LUMPUR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03-20721193 (Tel) 03-20784172 (Fax)</td>
</tr>
<tr>
<td>5.</td>
<td>DR.KEE PENG LEONG</td>
<td>DRS. YOUNG, NEWTON &amp; PARTNERS</td>
<td>48, JALAN 52/4, 46200 PETALING JAYA, SELANGOR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03-79569400 (Tel) 03-79562553 (Fax)</td>
</tr>
<tr>
<td>6.</td>
<td>DR.JAMIL IBRAHIM</td>
<td>MAS MEDICAL</td>
<td>SAAS INTERNATIONAL AIRPORT, 47200 SUBANG, SELANGOR DARUL EHSAN</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03-78403114 (Tel) 03-78462626 (Fax)</td>
</tr>
<tr>
<td>7.</td>
<td>DR.DALJIT S. PARMAR</td>
<td>MAS MEDICAL</td>
<td>SAAS INTERNATIONAL AIRPORT, 47200 SUBANG, SELANGOR DARUL EHSAN</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03-78403114 (Tel) 03-78462626 (Fax)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MAS MEDICAL DEPARTMENT, MAS ADMINISTRATION BUILDING, K. KINABALU INTL. AIRPORT, 89500 KOTA KINABALU SABAH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>088-203333 (Tel) 088-217897 (Fax)</td>
</tr>
<tr>
<td>8.</td>
<td>LT.COL (R) DR, MOHD.SALLEH NORDIN</td>
<td>KLINIK MEDI-UTAMA</td>
<td>NO. 5-1, JALAN LAWAN PEDANG, 13/27, BUSINESS PARK SEKSYEN 13, 40000 SHAH ALAM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03-55106716 (Tel) 03-55114950 (Fax)</td>
</tr>
<tr>
<td>9.</td>
<td>LT. COL(R) DR, GERARD FRANCIS RAMESH DE CRUZ</td>
<td>KLINIK RAMESH</td>
<td>NO. 3830 JALAN SJ 8/3, TAMAN SEREMBAN JAYA, 70480, SEREMBAN</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>06-6781239 (Tel/Fax)</td>
</tr>
</tbody>
</table>
10. DR. R. B. BARROW  SABAH KLINIK  
   SABAH 088-254190 (Tel)  
   3A, JALAN PANTAI 088-264868 (Fax)   
   TINGKAT 1  
   88000 KOTA KINABALU  
   SABAH  

11. COL. DR. ZUBIR AHMAD  RMAF INSTITUTE OF AVIATION  
   MEDICINE, JALAN LAPANGAN 03-21171133(Tel)   
   TERBANG LAMA 03-21482549(Fax)  
   50460 KUALA LUMPUR  

12. LT COL DR. MOHAMED  
   HAIZAR BIN HARUN  
   SAME AS ABOVE  

13. LT COL DR. ZULKIFLI  
   MAT JUSOF  
   SAME AS ABOVE  

14. LT. COL. DR. MOHAMMAD  
   RAZIN B KAMARULZAMAN  
   SAME AS ABOVE  

D.A.M.E (ALL CLASSES) - OVERSEAS  

15. DR. MEDORA FIRDOS  MEDORA CLINIC & SURGERY 02-62880035 (Tel/Fax)   
   43, UPPER PAYA  
   LEBAR ROAD  
   SINGAPORE 534833  

DAME – RENEWAL ONLY (ALL CLASSES)  

16. DR. KANG TEE YONG  KANGS CLINIC  
   LOT 173, JALAN SONG 082-243872(Tel)   
   THIAN CHEOK 082-416580(Fax)  
   93100 KUCHING  
   SARAWAK  

17. DR. CHEU KUOK TUH  KLINIK DR. CHEU  
   LOT 412, GROUND FLOOR 085-438068(Tel)   
   PELITA COMMERCIAL CENTRE 085-438070(Fax)  
   MIRI, SARAWAK  

18. DR. KHAIURUL ANUAR  
   MD. NOR  
   MAS MEDICAL 03-78404424(Tel)  
   SAAS INTERNATION AIRPORT, 03-78462626(Fax)  
   47200 SUBANG,  
   SELANGOR D.E.  

19. DR. SYED YUSOFF IDID  
   1521, BANGUNAN MAHSURI, 04-7318825(Tel/Fax)   
   JALAN SULTAN BADLISAH,  
   0500 ALOR STAR, KEDAH  

20. Brig. Gen (DR) MOHD ZIN  
    BIN BIDIN  
    MARKAS ATM, 03-26921333(Tel)  
    BAHAGIAN PERKHIDMATAN 03-26948509(Fax)  
    KEMENTERIAN PERTAHANAN,  
    JLN. PADANG TEMBAK,  
    50634 KUALA LUMPUR
21. MEJAR DR ALVIN WEE HOCK PENG
RMAF INST. OF AVIATION
MEDICINE, JALAN LAPANGAN
TERBANG LAMA,
50460 KUALA LUMPUR
03-21171133(Tel)
03-21482549(Fax)

DESIGNATED AVIATION OPTHAMOLOGIST (DAO)

22) DR. PALL SINGH
TUN HUSSIEN ONN EYE HOSPITAL
PO BOX 514, JLN.SULTAN POST
OFFICE, 46760 PETALING JAYA
SELANGOR DARUL EHSAN
03-79561611 (Tel)
03-79576128 (Fax)

23) DR GEORGE THOMAS
TUN HUSSIEN ONN EYE HOSPITAL
PO BOX 514, JLN.SULTAN POST
OFFICE, 46760 PETALING JAYA
SELANGOR DARUL EHSAN
03-79561611 (Tel)
03-79576128 (Fax)
COMPOSITION OF THE CURRENT DCA MEDICAL BOARD

The current DCA Medical Board consist of the following:

a) President of the Board - Datuk Dr. J. S. Eapen (Head Physician G.H K.L Retired)

b) Two (2) members - Col (Dr.). Zahari Jusoh
                   - Dr. B. Jagdev Singh (Chief Medical Assessor)
## FREQUENCY OF MEDICAL EXAMINATION AND LICENCE VALIDITY

<table>
<thead>
<tr>
<th>Class of Licence</th>
<th>Age in years</th>
<th>Class of Medical Certificate</th>
<th>Validity in months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airline Transport Pilot</td>
<td>Under 40</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>Commercial Pilot</td>
<td>Under 40</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>Airline Transport Pilot</td>
<td>40 and above</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Commercial Pilot</td>
<td>40 and above</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Flight Engineer</td>
<td></td>
<td>1</td>
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<tr>
<td>Flight Navigator</td>
<td></td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>Flight Radio Operator</td>
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<td>1</td>
<td>12</td>
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<tr>
<td>Student Pilot</td>
<td>Under 40</td>
<td>2</td>
<td>24</td>
</tr>
<tr>
<td>Private Pilot-Aeroplane</td>
<td>Under 40</td>
<td>2</td>
<td>24</td>
</tr>
<tr>
<td>Glider Pilot</td>
<td>Under 40</td>
<td>2</td>
<td>24</td>
</tr>
<tr>
<td>Private Pilot-Helicopter</td>
<td>Under 40</td>
<td>2</td>
<td>24</td>
</tr>
<tr>
<td>Free Balloon Pilot</td>
<td>Under 40</td>
<td>2</td>
<td>24</td>
</tr>
<tr>
<td>Student Pilot</td>
<td>40 and above</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>Private Pilot-Aeroplane</td>
<td>40 and above</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>Glider Pilot</td>
<td>40 and above</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>Private Pilot-Helicopter</td>
<td>40 and above</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>Free Balloon Pilot</td>
<td>40 and above</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>Air Traffic Controller</td>
<td>Under 40</td>
<td>3</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>40 and above</td>
<td>3</td>
<td>12</td>
</tr>
</tbody>
</table>

**Important NOTE for DAMEs, Aircrew & ATCOs**

Please note that beginning Jan 1 2005 every 3\textsuperscript{rd} Medical Examination for the renewal of all Classes of Licences should be performed by a different DAME than the Examinee’s usually uses or goes to.
# Guidance Notes for DAMES – Medical exam & Special Investigations Requirements.

<table>
<thead>
<tr>
<th>MEDICAL CERTIFICATE</th>
<th>CLASS 1</th>
<th>CLASS 2</th>
<th>CLASS 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>LICENCE</td>
<td>ATPL, CPL, Airships</td>
<td>FL. ENG, FL. NAV.</td>
<td>CPL Balloons PPL (Fl)</td>
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<tr>
<td></td>
<td></td>
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<td>PPL, SPL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ATCO</td>
</tr>
<tr>
<td>INITIAL ISSUE (AGE LIMIT)</td>
<td>Initial Medical Examination required for all Classes of Medical Examinations Medical Certificate issued by DCA (SPL &gt; 17, CPL &gt; 18, ATPL &gt; 21)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VALIDITY</td>
<td>Under 40yrs: Yly Over 40: 6 Mly 1 year</td>
<td>Under 40: 2 years Over 40: Yearly</td>
<td>Under 40: 2 years 40 and over: 1 year</td>
</tr>
<tr>
<td>VISUAL ACUITY</td>
<td>At least 6/9 in each eye separately, &amp; 6/6 with or without correction with both eyes.</td>
<td>At least 6/12 in each eye separately, &amp; 6/9 with or without correction with both eyes.</td>
<td>At least 6/9 in each eye separately, &amp; 6/6 with or without correction with both eyes.</td>
</tr>
<tr>
<td>OPTHALMOCOLOGICAL EXAMINATION</td>
<td>At initial then under 40 - 5 yearly 40 and over – 2 yearly</td>
<td>At initial then Periodicif Vision corrected</td>
<td>At initial then Under 40 – 5 yearly 40 and over – 2 yearly</td>
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<tr>
<td>HAEMOGLOBIN &amp; URINALYSIS</td>
<td>Every examination</td>
<td></td>
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<tr>
<td>ECG</td>
<td>ECG At initial examination &amp; &gt;60 yearly Stress test</td>
<td></td>
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<tr>
<td></td>
<td>ECG tracings to be reported &amp; attached to form DCA/PBT/1(M) Doubtful cases will need Cardiologist evaluation &amp; Report</td>
<td></td>
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<tr>
<td>AUDIOGRAM</td>
<td>At initial examination</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Under 40: 5 yearly 40 and over: 2 yearly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEST X-RAY</td>
<td>At initial examination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PFT</td>
<td>At 5 year Intervals or if clinically indicated Specialist report on chest x-ray must be attached together with form DCA/PBT/1(M) Lung Function Test if there are Respiratory Risk Factors – smoking , Asthma etc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LIPID PROFILE</td>
<td>Initial then 5 yearly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FBS</td>
<td>Initial then 5 yearly</td>
<td></td>
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</tr>
</tbody>
</table>

**Note 1.** Validity will be from the Date of Medical Examination till the Date of Expiry.

**Note 2.** In all doubtful cases issuance of a Medical Certificate should be deferred & completed forms together with the relevant reports sent to FOD, DCA for Assessment.

**Note 3.** Special Tests are to be performed at the periodicity indicated or on any other occasion if clinically indicated.