

Forensic Science Laboratory

Govt. of NCT of Delhi

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Accredited by the national accreditation board for testing and calibration laboratories (NABL) as per standards ISO/IEC 17025:2005 and NABL 113:2008

BALLISTICS DIVISION

EXAMINATION REPORT

REPORT No. SFSL(DLH)/30/BAL/7/19

Dated...16/10/2019

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| <ol style="list-style-type: none"> 1. Please quote the report(opinion) no. & date in all future correspondence & summons. 2. This report is per se admission U/S.293 Cr. P.C. |
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To,

The station house officer,
PS: Malviya nagar
New Delhi

Your letter No. 10/SHO/Malviya Nagar dated 06/10/2019 along with nine sealed parcels in connection with case FIR No. 080/2019 dated 08/10/19 U/S 302/34 IPC & 27 Arms Act PS: Malviya Nagar were duly received in this office on 08/10/19 through the messenger ct. Ravinder No. 3443/SE.

1. DESCRIPTION OF PARCEL(S):

Sealed small plastic container :09(Four)
Total : 09(Four)

Nine sealed parcel (s); seals were intact and tallied with the specimen seals as per forwarding letter (FSL FORM).

2. DESCRIPTION OF ARTICLES CONTAINED IN THE PARCEL (S)/EXHIBIT (S):

Parcel no.	No. & Seal Impression	Description of Exhibit(s) contained in parcel(s)
2	01 G.K	One 7.65mm cartridge case marked exhibit "EC1".
3	01 DEPARTMENT OF FORENSIC MEDICINE A.I.I.M.S. NEW DELHI	One bullet marked exhibit "EB1".
4	01 DEPARTMENT OF FORENSIC MEDICINE A.I.I.M.S. NEW DELHI	Swab said to be containing wound swab marked exhibit "WS1"
5	01 DEPARTMENT OF FORENSIC MEDICINE A.I.I.M.S. NEW DELHI	Swab said to be containing control swab marked exhibit "CS1"
6	06 G.K.	One sealed cloth parcel contained one Hikivision Digital video recorder marked as exhibit "DVR1" having one Toshiba made hard disk drive bearing

		of capacity 1TB marked as Exhibit "HDD1" in the laboratory.
7	03 G.K.	One sealed cloth parcel contained one Samsung made mobile phone bearing marked as exhibit "MP1" in the laboratory.
8	Parcel '1'	One sealed paper envelope sealed with the seal of "MSL DEPARTMENT OF FORENSIC MEDICINE AIIMS NEW DELHI" containing exhibits '1'.
9	Exhibit '1'	Gauze cloth piece having brownish stains described to be of deceased.
10	Parcel '2'	One sealed cloth parcel sealed with the seal of "MSL DEPARTMENT OF FORENSIC MEDICINE AIIMS NEW DELHI" containing exhibits '2a' & '2b', described to be of deceased.
11	Exhibit '2a'	One jean's pants.
12	Exhibit '2b'	One underwear.
13	Parcel '3'	One sealed cloth parcel sealed with the seal of "HOLY FAMILY HOSPITAL NEW DELHI" containing exhibit '3'.
14	Exhibit '3'	One cut/torn foul smelling 'T' -shirt having brown stains kept in a polytene describe to be of deceased.

3. RESULT OF EXAMINATION/OPINION:

1. The bullet marked exhibit EB1 corresponds to the bullet of 7.65mm cartridge.
2. The 7.65mm cartridge case marked EC1 is a fired empty cartridge.
3. The individual characteristics of firing pin marks and breech face marks present on evidence cartridge case marked EC1 and on test fired cartridge cases marked as TC1 & TC2 were compared and examined under comparison microscope model Leica DMC and were found identical. Hence, the case cartridge marked EC1 has been fired through the improvised Pistol 7.65mm caliber marked F1 which is recovered from CAR STAG of the 3 accused at the time of Arrest.
4. The individual characteristics of rifling marks and breech face marks present on evidence bullet case marked EB1 and on test fired recovered bullets marked as TB1 & TB2 were compared and examined under comparison microscope model Leica DMC and were found identical. Hence, the evidence bullet marked EB1 has been discharged through the improvised Pistol 7.65mm caliber marked F1 which is recovered from CAR STAG of the 3 accused at the time of Arrest.
5. The swab marked exhibit WS1 along with control swab marked CS1 were analyzed in the Atomic Absorption Spectrophotometer for the detection of the Gun Shot Residue particles. As a result of this analysis, no opinion can be given on swab marked exhibit WS1 due to insufficient data.
6. The exhibits EC1 & EB1 are ammunition as defined in Arms Act 1959.

7. The exhibit hard disk drive marked "HDDI" was forensically cloned/duplicated on sterile storage media by using falcon-Neo forensic duplicator. The cloned storage media was forensically analyzed by using video investigation portable(VIP), the CCTV footages dated 08.09.2019 from 05:45PM to 09:55PM (approx.) which could be retrieved from exhibit "HDDI" with hash reports is provided in a supplied pen drive vide Annexure "SPDI"(separate folder named HDDI-DATA).
8. The exhibit pen drive marked "PDI" was forensically imaged on sterile storage media by using encase imager. The imaged storage data was forensically analyzed by authorized software and hardware tools i.e., encase, the data which could be retrieved from exhibit "PDI" with detailed report is also provided in the same pen drive vide Annexure "SPDI"(separate folder named PDI-DATA).
9. The exhibit mobile phone marked "MPI" was forensically analyzed on universal forensic extraction device(UFED) Of cellebrite and oxygen forensic detective. The data (whatsapp messages/chats and sms messages) could not be found/retrieved from exhibit "MPI" in the laboratory.
10. Blood was detected on exhibits '1' & '3'.
11. Blood could not be detected on exhibits '2a' & '2b'.
12. Exhibits '1' (gauze cloth piece) & '3' (T-Shirt)of deceased were subjects to DNA isolation. DNA was isolated from the source of exhibits '1' & '3'. DNA profiles were generated from the source of exhibits '1' & '3' using global filer PCR amplification kit. Data was analyzed using gene mapper IDx software.
13. Alleles from the source of exhibit '1' (gauze cloth piece) of deceased was found to be matching with DNA profile generated from the source of exhibits '3' (T-Shirts) of deceased.
14. DNA profiling (STR analysis) performed on the exhibits provided is sufficient to conclude that the DNA profile generated from the source of exhibit '3' (T-Shirts) of deceased.

NOTE:-Case Exhibits/Remnants of exhibits sent to this laboratory for examination have been sealed with the seal of FSL DELHI.

1. "This report is per se admissible u/s 293 Cr.P.C. However, the scientific expert (witness) shall be available for cross-examination, if required.
2. The report shall not be reproduced except in full without approval of courts of law, direction/GNCT of Delhi and concerned forwarding authority.

Examined by

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Ex | PW 8 / A
 ASS / ND /
 19-01-2020