

**GOVERNMENT OF GOA
GOA STATE FIRE FORCE TRAINING CENTRE
DIRECTORATE OF FIRE & EMERGENCY SERVICES
ST. INEZ, PANAJI, GOA**

COURSE: FAMILIARIZATION COURSE IN BREATHING APPARATUS HANDLING

COURSE DURATION

1. Duration of Course : 03 Days
2. No. of working days available : 03 (except Sundays, Saturdays & GH)
3. Full working days : 03
4. Nos. of Periods in full working day : 08 (08 x 3 = 24)
5. No. of Periods available : 24

DAILY SCHEDULE

Duration	Programme	Duration	Programme
08.00 – 08.15	Morning Roll Call	11.50 – 12.35	5 th Period
08.15 – 09.00	1 st Period	12.35 – 14.30	Lunch Break
09.05 – 09.50	2 nd Period	14.30 – 15.15	6 th Period
09.50 – 10.10	Tea Break	15.15 – 16.00	7 th Period
10.10 – 10.55	3 rd Period	16.00 – 16.15	Tea Break
11.00 – 11.45	4 th Period	16.15 – 17.00	8 th Period

BLOCK SYLLABUS

Sr. No.	Subject	Periods to be assigned		
		Theory	Practical	Total
1.	Registration and Inauguration.	3	-	3
2.	Course Introduction Purpose, Objectives and methodology, inaugurations.	1		1
3.	Hose & Hose Fittings	2	2	4
4.	Chemistry of Fire, Classification of Fire and Chemical Fire Extinguishers.	2	2	4
5.	Practical Firemanship	1	-	1
6.	Breathing Apparatus and Drill.	2	7	9
7.	Course Review, Feedback & Valedictory	2	-	02
Total Periods:-		13	11	24

DETAILED SYLLABUS

Sr. No.	Subject	Theory	Practical	Total
1.	Registration and Inauguration,	2	-	2
2.	Course Introduction Purpose and Objectives	1	-	1
3.	Hose & Hose Fittings – introduction to Hose and Hose fittings, Types of Hose, Characteristics of Hose Storage, Stowage, Standard Test and Hose Drill, Couplings, Branches, Nozzles, Collecting Heads, Breechings, Adaptors and Use in Hose Drill.	2	3	5
4.	Chemistry of Fire, Classification of Fire and Chemical Fire Extinguishers.	1	--	1
5.	Practical Firemanship	1	-	1
6.	Breathing Apparatus	2	7	9
	(a) Physiology of Respiration, Types			
	(b) Types of B.A. Set and Compressed Air B.A. Set.			
	(c) Testing and Maintenance Procedure.			
	(d) B.A. Set Drill – Entry in Smoke/contaminated air.			
	(e) Use of Portable Fire Extinguishers wearing B.A. Set			
	(f) Rescue from Height (Ladder drill wearing B.A. Set)			
	(g) Live Hot Fire Demonstration wearing B.A. Set.			
7.	Instructional Film	-	-	01
8.	Course Review, Feedback & Valedictory	2	-	02
Total Periods:-		12	12	24