

FORM CL-01

CONSULTANT

COMMISSIONING OF HVAC SYSTEMS

CONTRACTOR

SYSTEM STARTUP CHECKLIST

BUILDING : _____ SHEET : _____ / OF / _____

SYSTEMS / EQUIPMENT INCLUDED : _____
_____**I - PRE - STARTUP INSPECTION**

DESCRIPTION	REMARKS
EQUIPMENT MOUNTING & SETTING	
CONTROL , INTERLOCK & POWER WIRING	
ALIGNMENT OF MOTORS & DRIVES	
PIPING , CONNECTIONS & ACCESSORIES	
LUBRICATION OF EQUIPMENT	

II - FIRST RUN OBSERVATIONS

DIRECTION OF ROTATION	
SETTING OF SAFETY & OPERATING CONTROLS	
HEAT BUILDUP IN BEARINGS	
MOTOR LOADS AGAINST NAMEPLATE	

III - EQUIPMENT CHECK

RATINGS OF OVERLOAD HEATERS	
FUNCTION OF SAFETY & OPERATING CONTROLS	
OPERATION OF EQUIPMENT	
INSPECTION , OBSERVATION & CHECKING PROCEDURES	

REMARKS : _____

COMMISSIONING ENGINEER	CONSULTANT	CONTRACTOR
NAME : _____	NAME : _____	NAME : _____
SIGNATURE : _____	SIGNATURE : _____	SIGNATURE : _____
DATE : _____	DATE : _____	DATE : _____

FORM CL-02

CONSULTANT

COMMISSIONING OF HVAC SYSTEMS

CONTRACTOR

SYSTEMS COMMISSIONING CHECKLIST

BUILDING : _____ SHEET : _____ / OF / _____

SYSTEM / EQUIPMENT INCLUDED : _____

DESCRIPTION	REMARKS
SYSTEM STARTUP CHECKLIST	
AIR DISTRIBUTION INSTALLATION	
FILTER INSTALLATION	
QUALITY OF HEAT TRANSFER FLUID (WATER)	
REFRIGERATION SYSTEMS (leak test , evacuation , refrigerant & oil charge)	
STUFFING BOXES AND PACKING GLANDS (pumps & valves)	
AS - BUILT CONTROL DIAGRAMS & SEQUENCES	
FINAL VIEW OF INSTALLATION	
PAINT OF EQUIPMENT	
EQUIPMENT & PIPING IDENTIFICATION	
FINS ON EXTENDED SURFACE H.T. COILS	
OPERATING & MAINTENANCE MANUALS	
TRAINING OF BUILDING OPERATION & MAINTENANCE PERSONNEL	
GRAPHIC OPERATIONAL DATA	

REMARKS : _____

COMMISSIONING ENGINEER	CONSULTANT	CONTRACTOR
NAME : _____	NAME : _____	NAME : _____
SIGNATURE : _____	SIGNATURE : _____	SIGNATURE : _____
DATE : _____	DATE : _____	DATE : _____