## **Shop Manual**

HYDRAULIC EXCAVATOR

## PC8000-6 Diesel

Serial Number 12040 and up



## **CONTENTS**

2.1	SAFETY INFORMATION			2-3
2.2	OVERVIEW			2-4
	2.2.1		L OPERATIONS	
	2.2.2	REGUL	AR MAINTENANCE	2-4
	2.2.3	TROUB	LESHOOTING, ADJUSTMENTS AND REPAIR	2-4
	2.2.4	,		
			PORTATION OF THE EXCAVATOR	
2.3	SOUN		SURE LEVEL IN THE OPERATOR'S CAB	
	GENERAL PRECAUTIONS COMMON TO OPERATION ON THE EXCAVATOR			
	2.4.1 UNDERSTANDING THE MACHINE			
	2.4.2 PREC		UTIONS BEFORE STARTING OPERATION ON THE EXCAVATOR	
			ENSURING SAFE OPERATION	
			RATIONS FOR SAFE OPERATION	
		2.4.3.1	PRECAUTIONS REGARDING SAFETY RELATED EQUIPMENT	
		2.4.3.2	INSPECTING THE MACHINE	
		2.4.3.3	WEAR WELL FITTING CLOTHES AND PROTECTIVE EQUIPMENT	2-7
		2.4.3.4	KEEP MACHINE CLEAN	2-7
		2.4.3.5	PRECAUTIONS INSIDE OPERATOR'S COMPARTMENT	2-7
		2.4.3.6	PROVIDE FIRE EXTINGUISHER AND FIRST AID KIT	2-8
		2.4.3.7	IF A PROBLEM IS FOUND	2-8
	2.4.4	FIRE PF	REVENTION	2-8
		2.4.4.1	PRECAUTIONS TO PREVENT FIRE	2-8
		2.4.4.2	ACTION IF FIRE OCCURS	
		2.4.4.3	EMERGENCY EXIT FROM OPERATOR'S CAB	2-10
	2.4.5	PRECA	UTIONS WHEN CLEANING CAB GLASS	2-10
	2.4.6 PRECAUTIONS WHEN GETTING ON OR OFF THE MACHINE		2-10	
		2.4.6.1	USE HANDRAILS AND STEPS WHEN GETTING ON OR OFF THE	
			MACHINE	
		2.4.6.2	NO JUMPING ON OR OFF THE MACHINE	
		2.4.6.3	NO PEOPLE ON THE ATTACHMENT	
		2.4.6.4	WORKING IN HIGH PLACES	
		2.4.6.5	LEAVING OPERATOR'S SEAT WITH LOCK	
		2.4.6.6	LEAVING THE MACHINE	
	2.4.7		PREVENTION	
		2.4.7.1	HOT COOLANT	
		2.4.7.2	HOT OIL	
			UTIONS RELATED TO PROTECTIVE STRUCTURES	
			UNAUTHORIZED MODIFICATION	
	2.4.9		UTIONS AT JOBSITE	
		2.4.9.1	VISIBILITY FROM OPERATOR'S SEAT	_
		2.4.9.2	CAMERA SYSTEM WITH MONITORS	
		2.4.9.3	ENSURE GOOD VISIBILITY	
		2.4.9.4	CHECKING SIGNS AND SIGNALMAN'S SIGNALS	
		2.4.9.5	INVESTIGATE AND CONFIRM JOBSITE CONDITIONS	
		2.4.9.6	DO NOT GO CLOSE TO HIGH VOLTAGE CABLES	
		2.4.9.7	WORKING ON LOOSE GROUND	
		2.4.9.8	GAS, DUST, STEAM AND SMOKE	
		2.4.9.9	VENTILATION OF ENCLOSED AREAS	2-18