

No4 Maintenance skills / techniques

PAPER NUMBER	AUTHOR	PAPER TITLE
Paper IV-01	Claudio Goncalves	MINING EQUIPMENT PRODUCTIVITY INCREASE AND WORKER'S SAFETY IMPROVEMENT BY WEAR MATERIALS DEVELOPMENT : CASE HISTORY CARRIED OUT AT VALE, BRAZIL
Paper IV-02	T Sahoo	RECIPROCATING COMPRESSOR MALFUNCTION DIAGNOSIS THROUGH DISTRIBUTED CONTROL SYSTEM
Paper IV-03	Michele Di Sivo	INFRASTRUCTURE MANAGEMENT AND MAINTENANCE FOR URBAN ENVIRONMENT QUALITY AND SUSTAINABILITY
Paper IV-04	Ian David Turnbull	THE REPAIR OF PASSENGER VESSEL GRAND VOYAGER'S MAIN ENGINE BLOCK
Paper IV-05	Liu H	ARTIFICIAL LIFT EQUIPMENTS REPAIRING TECHNIQUES IN DAQING OILFIELD
Paper IV-06	Cao G	APPLICATION OF BEAM PUMPING UNIT ENERGY SAVING TRANSFORMATION TECHNIQUES IN DAQING OILFIELD
Paper IV-07	Yang Y H	STUDY OF TUBING REPAIRING TECHNOLOGY IN DAQING OILFIELD
Paper IV-08	Bao C J	EXPERIMENTAL RESEARCH ON PRETREATMENT PROCESS OF SURFACE IN ELECTRO-BRUSH PLATING
Paper IV-09	Chen J	LASER REMANUFACTURING TECHNOLOGY AND ITS APPLICATION
Paper IV-10	Ma S N	STUDY ON NON-ELECTRIC WELDING AND ITS APPLICATION IN MAINTENANCE
Paper IV-11	Su X Y	STUDY ON HVOF SPRAYING REPLACEMENT OF EHC REPAIRING TECHNIQUE
Paper IV-12	Tian Z H	APPLICATION OF A KIND OF COMPOSITE REPAIRING TECHNOLOGY
Paper IV-13	Xie D P	REPAIRING AMPLITUDE CYLINDER OF THE PILE FRAME IN ANENGINEERING SHIP- COMPOSITE REPAIRING TECHNIQUE USED

Paper IV-14	Zhao B P	FE-MN ALLOY COLD PLATING REPAIRING TECHNOLOGY AND PRACTICE
Paper IV-15	Zou Y Z	PILOT STUDY ON INTEGRATED EVALUATE METHOD OF MAINTAIN CAPABILITY
Paper IV-16	Wang Y D	CURE OF STEEL GIANT
Paper IV-17	Liu Y B	RESEARCH ON OIL FERROGRAPHIC PREDICTION BASED ON BP ALGORITHM
Paper IV-18	Li T Y	THE APPLICATION OF REPRODUCING TECHNOLOGY TO OVERSIZE OF INSIDE AND OUTSIDE SUIT OF THE AXLE TREE
Paper IV-19	Liang X B	STUDY ON THE INTEGRATED TECHNOLOGY OF MATERIALS PREPARATION AND FORMATION BASED HIGH VELOCITY ARC SPRAYING TECHNOLOGY
Paper IV-20	Bai J Y	REMANUFACTURING CYLINDER BODY OF ENGINE BY ARC SPRAYING FE-AL INTERMETALLIC COMPOUND COATING
Paper IV-21	Chen Y X	EFFECT OF HEAT TREATMENT ON MICROSTRUCTURE AND RESIDUAL STRESS OF CARBON-STEEL COATING OBTAINED BY ELECTRIC-ARC SPRAYING
Paper IV-22	Fu D X	STUDY STATUS OF ENGINE CRANKSHAFT REMANUFACTURING
Paper IV-23	Ma L L	STUDY ON THE CORRELATION BETWEEN THE RESIDUAL STRESS AND MICROSTRUCTURE OF REMANUFACTURING COATINGS
Paper IV-24	Pu C H	THE WEAR LIFE MECHANISM RESEARCH ON 3CR13 COATING OF REMANUFACTURE PARTS UNDER ACCELERATED CONDITION OF DRY FRICTION
Paper IV-25	Si H J	TRIBOLOGICAL PROPERTIES OF SOLID LUBRICANT FILMS IN SPACE ENVIRONMENT
Paper IV-26	Wang X H	PROGRESS IN DEVELOPING ELECTRODEPOSITION FOR SUBSTITUTE HARD CHROMIUM
Paper IV-27	Wang X L	THE NANO-EFFECT OF NANOMETER LUBRICATING MATERIAL IN EQUIPMENT MAINTENANCE
Paper IV-28	Wei S C	PERFORMANCE RESEARCH ON NANO MECHANICS OF ELECTRO-THERMAL EXPLOSION SPRAYING COATING
Paper IV-29	Xu Y	STUDY ON ONE SELF-REPAIR TECHNOLOGY APPLIED TO WORKING EQUIPMENT
Paper IV-30	Yu H L	CORROSION RESISTANCE OF AMORPHOUS

		NI-MO-P-ZRO ₂ ELECTRODEPOSITED COATING
Paper IV-31	Zhang B	RESEARCH ON THE TRIBOLOGICAL PERFORMANCE AND SELF-REPAIRING OF PHYLLOSILICATE LUBRICATING DUCTILE CAST IRON FRICTION PAIRS
Paper IV-32	Liu F Z	MAINTENANCE AND REUTILIZATION OF HOUSEHOLD APPLIANCE IS A CHOICE TO ESTABLISH CONSERVATION-ORIENTED SOCIETY
Paper IV-33	Liu W H	REVIEW OF SYNCHRONOUS POWDER FEEDING TECHNOLOGY FOR LASER CLADDING
Paper IV-34	Wang B S	APPLICATION OF ELECTRIC BRUSH PLATING TECHNOLOGY IN HEAVY LOAD EQUIPMENT PARTS REMANUFACTURE
Paper IV-35		THE RE-MANUFACTURE ENGINEERING TECHNOLOGY AND APPLICATION IN OUR COUNTRY HEAVY LOAD EQUIPMENT
Paper IV-36	Hu Z F	NANO-BRUSH PLATING TECHNOLOGY AND ITS APPLICATION IN REMANUFACTURING
Paper IV-37	Hu Y	REMANUFACTURE ORIENTED SURFACE INSPECTION SYSTEM WITH ROBOT
Paper IV-38	Che J T	STUDY ON CORROSION FAELURE ANALYSIS AND MECHANISM OF STAINLESS STEEL PIPE WELDING JOINT IN SEAWATER