



RF SHIELDED SYSTEMS INSTALLATIONS

R.F.I. Industries is a major Australian manufacturer of RF Shielded Construction Systems for Government, industry, research laboratories, universities and hospitals. A sample list follows:-

Department of Defence (Army)

R.M.C. Duntroon
Army Diggers Rest
Keswick Barracks
Army Mascot
Army Ingleburn
Army Brisbane
Army Towoomba
Army Hobart
Army Maribyrnong
Army Innisfail
Army Watsonia
Army Enoggera

Department of Defence

Woomera
Alice Springs
Melbourne
Canberra
DSTO Salisbury
Salisbury) Missile Simulator

Department of Defence (Air)

RAAF Walgrove
RAAF Point Cook
RAAF Edinburgh
RAAF Townsville
RAAF Pearce
RAAF Glenbrook
RAAF Laverton
RAAF Williamstown
RAAF Base Tindall

Government Departments

Government Printing Office
Gas & Fuel Corporation Vic
Telecom Research Laboratories
CSIRO Chemical Research
CSIRO National Laboratories
Antarctic Scientific Division
Department of Transport
Railways Department WA.
Electricity Commissions
Marines & Harbours Dept.
Fire Brigade
Sydney Police Centre
Dept. of Foreign Affairs
CSIRO Hobart
CSIRO Geelong
Adelaide Airport
Radiation Laboratories
National Rail SA.
Tullamarine Airport
Overseas Telecommunications Commission
Adelaide Police
Hobart Police
Civil Aviation Adelaide
Civil Aviation Launceston

Universities

Latrobe. Vic
University of NSW
Townsville University
ADFA Canberra
University of Sydney
University of Melbourne

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RFI Industries Pty Limited

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EMC TESTING
EMC COMPONENTS
MAGNETIC SHIELDING
EMC INSTRUMENTATION
RF ANECHOIC CHAMBERS
RF/EM SHIELDED ENCLOSURES

P.O. Box 254
Bayswater Victoria 3153
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RF SHIELDED SYSTEMS INSTALLATIONS

Department of Defence (Navy)

RAN Harman
RAN Watson
RAN Submarine Simulator
RAN Helicopter Simulator
Humpty Doo Darwin
RAN Nowra
RAN Cairns
RAN Pyrmont
Williamstown Dockyard
Garden island Dockyard

Technical Institutions

Newcastle Technical College
NSW institute of Technology
Mt. Druitt Technical College
Moorabbin Technical College
Victorian Education Department
NSW Education Department
Alanvale Integrated College

Industry

General Motors Holden
Amalgamated Wireless A'Asia
Sharp Corporation
Motorola Communications A`Asia
Ansett Airlines of Australia
Trans Australian Airliner
Plessey
Ford Motor Company
NEC
Andrews
Rockwell Electronics
Submarine Corporation
British Aerospace Adelaide
VDO Melbourne
Yazaki Melbourne

Mitsubishi Sydney
L.M. Ericsson Melbourne
Robert Bosch Australia
Varian Australia

Hospital & Medical Centres

Lidcombe Hospital, NSW
Royal North Shore Hospital, NSW
Fremantle Hospital, WA
Queen Elizabeth Hospital, WA
Casuarina Hospital, NT
Royal Canberra Hospital
Bon Hill Hospital
Edgecliffe MRI
Westmead Medical Centre
St. Andrews Hospital Adelaide
St. Vincent's Melbourne
Epworth Hospital Melbourne
Flinders Medical Centre Adelaide
Prince Henry Hospital, Sydney
Neurological Centre, Deakin
Royal Brisbane Hospital

New Zealand

Christchurch Hospital
Mercy Hospital Auckland
Wanganui Hospital
Auckland Hospital
Fonts and Telegraphs
Department of Defence
Navy Auckland
Air Force Auckland
Navy Waiouru
Air Force Christchurch

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Indonesia

National Cancer Hospital, Jakarta

Kazakhstan

Almaty S.E.S.

India

H.A.L. Hyderabad

Atomic Energy Dept. Madras
Atomic Energy Dept. Bombay
Defence Electronics Application Laboratory
LRDE Defence Bangalore
institute of Science Bangalore
CVRDE Defence Madras
DLRL Hyderabad

Thailand

Department of Army
Bumrungad Hospital Bangkok

Hong Kong

Infra Corporation
GPO Hong Kong
Calibration & Standards Lab

Malaysia

Thomson (M)
Department of Defence
Kuala Lumpur General Hospital
Electoms (Motorola)

National Service Centre
Philips Medical Systems

Taiwan

Motorola
CSIST

Singapore

Gleneagies Hospital
Motorola
SISIR
Thompson Consumer Electronics
P.C.I.

Papua New Guinea

Electricity Department
Bougainville Copper Ltd.

A brief description of some of the projects for which we have had the responsibility of design, manufacture, installation and test follows:-

Shielded Enclosure Projects

- (a) Dept. Of Defence (E.D.E.) Maribyrnong, Victoria. – A large enclosure for vehicle testing to MIL-STD-461 specifications.
- (b) Dept. Of Health Radiation Laboratory, Victoria. – A microwave anechoic chamber.
- (c) C.S.I.R.O. National Standards Laboratory N.S.W. - A large enclosure.
- (d) Hong Kong National Standards Laboratory - A large enclosure.

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- (e) Malaysia Department of Defence Materials Research Laboratory. - Enclosure for MIL-STD-461 measurements
- (f) India Atomic Energy Department. - Enclosure for electronic and REB and ION Beam experimentation.
- (g) New Zealand Defence. - Enclosures for Communications Network.
- (h) Dept. of Defence. - Enclosures for DISCON installations.
- (i) Various MRI installations within Australia and overseas.

EMI/EMC Services

- (a) Some projects for which we have provided EMI/EMC consultations and testing services include: -
- (b) Ford Motor Company of Australia - vehicle testing in accordance with Australian Standard 2557-1982 and 1044-1973.
- (c) VDO Instruments Australia - EMI emission of instrument clusters to standard vehicle specification.
- (d) Flexdrive Industries - susceptibility conformance of vehicle instrumentation to meet SEA 51113 specifications.
- (e) Liebert Corporation - spectrum site surveys of various proposed computer sites.
- (f) Thycon Systems - EMC suppression and measurements to meet Dept. of Aviation limits.
- (g) GEC - OSRAM Div. - EMI suppression and measurements of lighting fittings and electronic dimmers to MIL-STD-461 specifications.
- (h) Atlas Air - EMI suppression and measurements of microprocessor controlled air conditioning systems to MIL-STD-461 specifications.
- (i) V/Line - EMC Study to determine EMI levels existing in Diesel Locomotive fleet. Consultative work associated with EMI suppression requirements.
- (j) Nilsen Electrical - Testing of Energy Management System to IEC-801.
- (k) AWA - EMI/EMC testing on airborne electronic equipment to Aerospace.
- (l) IBM - FCC compliance testing of computers.
- (m) Fujitsu - EMI/EMC testing of telephone exchange to meet International Standards for export.

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