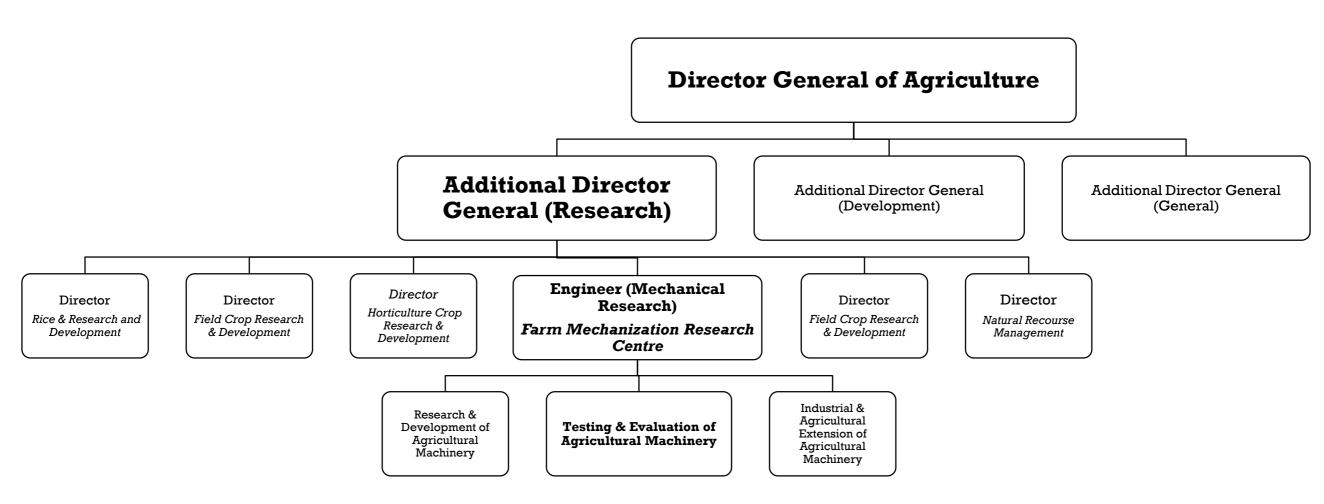




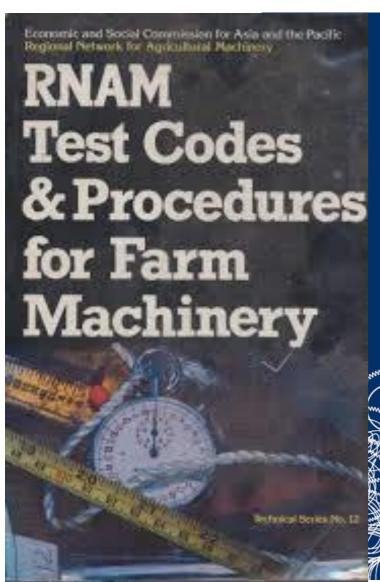
#### ORGANIZATION



# QUALIFICATION OF TESTING STAFF

No	Designation and Service	Existing Cadre	Qualification
1	Mechanical Engineer (In charge)	1	Chartered Engineer
2	Mechanical Engineer	1	BSc Engineering
3	Technical Assistant (Mechanical)	1	Diploma in Farm Machinery Technology
4	Technical Assistant (Agriculture Extension)	2	Diploma in Agriculture
6	Machinist	1	NVQ Level 3
7	Mechanic	2	NVQ Level 3
8	Plant Yard Attendant	2	NVQ Level 3
9	Labour	5	-

#### FMRC TEST PROCEDURES





ANTAM STANDARD CODE FOR TESTING OF POWER TILLERS

001-2018











TRAINING MANUAL FOR ANTAM STANDARD CODES FOR TESTING OF POWERED KNAPSACK MISTERS-CUM-DUSTERS

> Centre for Sustainable Agricultural Mechanization United Nations Economic and Social Commission for Asia and the Pacific

# FMRC TESTING REQUIREMENT

- Machinery to be tested (One Sample)
- All the standard implements
- Testing charge
- Fuel, oil & Lubricant to conduct endurance test and regular services
- Manuals (Operator, Maintenance)
- Manufacturer Authorization
- Tool box

#### PROCESS OF TESTING

- Verification of Specification
- Performance Test
- Safety Measurements
- Durability Test

# RECENT DEVELOPMENT IN TESTING STANDARDS

- Upgrade of mist blower testing standards in accordance with ANTAM
- Upgrade of Paddy trans-planter testing standards in accordance with ANTAM
- Implementation of paddy combine harvester testing standards
- Upgrade of water pump testing standards with ISO standards (On going)

# **SPRAYERS**



# TESTING OF PADDY TRANS-PLANTERS







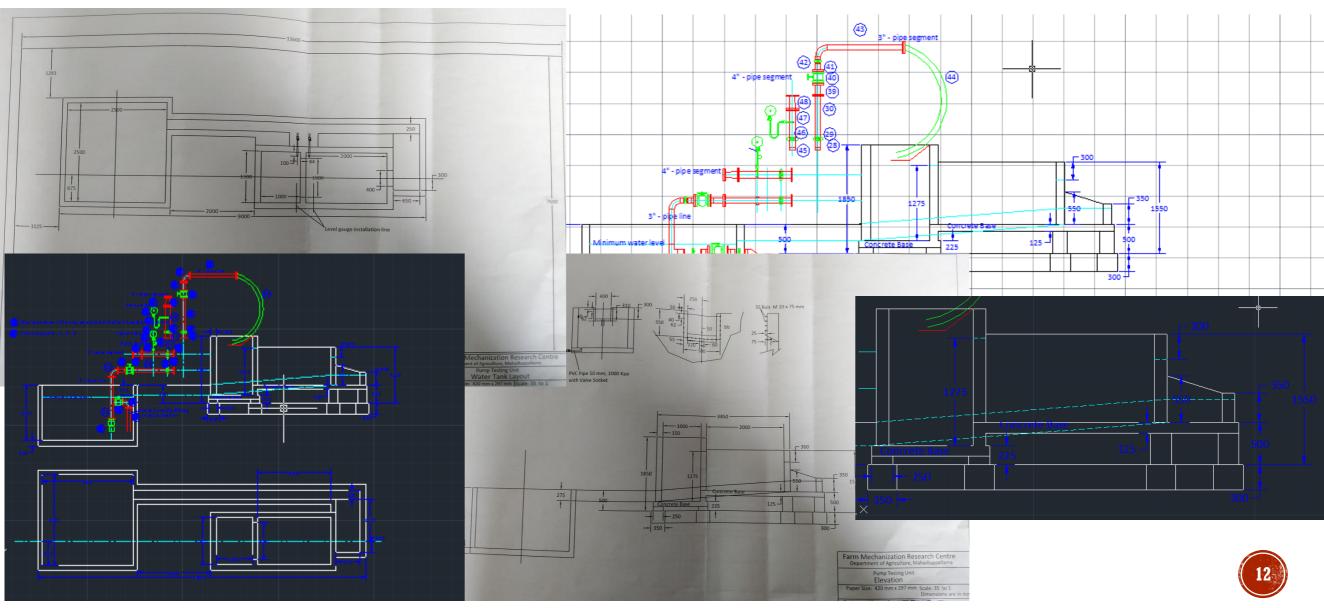




# TESTING OF COMBINE HARVESTERS



# WATER PUMP TESTING FACILITY



# RECENT DEVELOPMENTS IN INFRASTRUCTURE



















#### FUND ALLOCATION FOR TESTING LAB

Year	Allocated Fund/ USD
2016	5,000
2017	25,000
2018	_
2019	70,000

#### BENEFITS AND IMPORTANCE OF TESTING

- Mandatory requirement in government procurement process
- Farm Machinery act t be implemented to give more benefits for tested machineries
- Testing charges are very much low to encourage suppliers
- Easier to obtain leasing facilities for tested machinery
- Support for the suppliers t promote tested machinery

