



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
Thiruvananthapuram, Kerala, INDIA

Exam Centre: KMEA ENGINEERING COLLEGE

B.Tech S8 Exam June 2021 (S8 Result)

***TBP -To Be Published Soon**

CIVIL ENGINEERING[Full Time]

Course Code	Course
CE402	ENVIRONMENTAL ENGINEERING II
CE404	CIVIL ENGINEERING PROJECT MANAGEMENT
CE474	MUNICIPAL SOLID WASTE MANAGEMENT
BT362	SUSTAINABLE ENERGY PROCESSES
CE492	PROJECT
MT482	INDUSTRIAL SAFETY
CE462	TOWN AND COUNTRY PLANNING

Register No	Course Code (Grade)
CIM16CE011	CE402(FE), CE404(FE), CE462(FE), CE492(FE), MT482(FE)
CIM17CE002	BT362(B+), CE402(B+), CE404(B+), CE474(A), CE492(B+)
CIM17CE007	BT362(B), CE402(B), CE404(B), CE474(B), CE492(B+)
CIM17CE008	BT362(B+), CE402(B+), CE404(B+), CE474(B+), CE492(B+)
CIM17CE018	CE402(B+), CE404(B+), CE462(B+), CE492(B), MT482(B)
CIM17CE026	BT362(B+), CE402(B+), CE404(B+), CE474(B), CE492(B+)
CIM17CE032	BT362(F), CE402(F), CE404(F), CE474(F), CE492(A)
KMC17CE020	CE402(A+), CE404(A+), CE474(A), CE492(B), MT482(A)
KME16CE061	BT362(F), CE402(F), CE404(F), CE474(F), CE492(B+)

KME16CE077	BT362(F), CE402(F), CE404(F), CE474(F), CE492(B+)
KME17CE001	BT362(B+), CE402(A), CE404(A), CE474(B+), CE492(B+)
KME17CE003	BT362(B), CE402(B), CE404(B), CE474(B), CE492(B+)
KME17CE004	BT362(A+), CE402(A), CE404(A+), CE474(B+), CE492(A)
KME17CE005	BT362(B+), CE402(B+), CE404(B+), CE474(B+), CE492(B+)
KME17CE006	BT362(B), CE402(B), CE404(B), CE474(B), CE492(B+)
KME17CE007	BT362(O), CE402(A), CE404(O), CE474(O), CE492(A)
KME17CE008	BT362(A), CE402(A+), CE404(A+), CE474(B+), CE492(A)
KME17CE009	BT362(A+), CE402(A+), CE404(A), CE474(A), CE492(B+)
KME17CE010	BT362(B+), CE402(B+), CE404(A), CE474(A), CE492(B+)
KME17CE011	BT362(B), CE402(B), CE404(B), CE474(B), CE492(B+)
KME17CE012	BT362(B), CE402(B+), CE404(B+), CE474(B), CE492(B+)
KME17CE014	BT362(B), CE402(B+), CE404(B), CE474(B), CE492(B+)
KME17CE015	BT362(A+), CE402(A+), CE404(A+), CE474(A+), CE492(B+)
KME17CE016	BT362(A+), CE402(A+), CE404(A), CE474(A), CE492(B+)
KME17CE017	CE402(A), CE404(A), CE462(A+), CE492(B+), MT482(A)
KME17CE018	CE402(C), CE404(C), CE474(C), CE492(B+), MT482(C)
KME17CE019	BT362(O), CE402(A+), CE404(O), CE474(O), CE492(A)
KME17CE020	CE402(A), CE404(A), CE474(A), CE492(B+), MT482(A)
KME17CE021	BT362(B+), CE402(A), CE404(B+), CE474(B+), CE492(B+)
KME17CE022	CE402(C), CE404(C), CE474(C), CE492(B), MT482(C)
KME17CE023	BT362(F), CE402(F), CE404(F), CE474(F), CE492(B)
KME17CE025	CE402(F), CE404(F), CE462(F), CE492(B+), MT482(F)
KME17CE026	BT362(B+), CE402(B+), CE404(A), CE474(B+), CE492(B+)
KME17CE027	CE402(B+), CE404(B+), CE462(B+), CE492(B+), MT482(B+)
KME17CE029	CE402(B+), CE404(B+), CE474(B+), CE492(B+), MT482(B+)
KME17CE030	BT362(B), CE402(B+), CE404(B+), CE462(B+), CE492(B+)
KME17CE031	BT362(A+), CE402(A+), CE404(A), CE474(A+), CE492(A)
KME17CE032	BT362(B), CE402(B), CE404(B), CE474(B), CE492(B+)
KME17CE034	BT362(F), CE402(F), CE404(F), CE474(F), CE492(B+)

KME17CE035	CE402(B), CE404(B+), CE474(B+), CE492(B+), MT482(B+)
KME17CE036	BT362(A), CE402(A), CE404(A), CE462(A+), CE492(B+)
KME17CE038	BT362(B), CE402(B+), CE404(B+), CE474(B+), CE492(B+)
KME17CE039	BT362(B+), CE402(A), CE404(A), CE474(A), CE492(B+)
KME17CE040	CE402(B+), CE404(B+), CE474(B+), CE492(B+), MT482(B+)
KME17CE041	BT362(A), CE402(B+), CE404(B+), CE462(A), CE492(B+)
KME17CE042	BT362(A+), CE402(A+), CE404(A+), CE474(A), CE492(A+)
KME17CE043	BT362(O), CE402(O), CE404(O), CE474(O), CE492(O)
KME17CE044	BT362(A+), CE402(A+), CE404(A+), CE474(O), CE492(A)
KME17CE045	BT362(A+), CE402(A+), CE404(A), CE474(A+), CE492(A)
KME17CE047	CE402(F), CE404(F), CE462(F), CE492(B), MT482(F)
KME17CE048	CE402(B), CE404(B), CE462(B), CE492(C), MT482(B)
KME17CE050	CE402(A+), CE404(O), CE462(A+), CE492(B+), MT482(A)
KME17CE051	CE402(A), CE404(A+), CE462(A+), CE492(B+), MT482(A)
KME17CE052	BT362(A), CE402(A+), CE404(A+), CE474(A+), CE492(A)
KME17CE053	CE402(B+), CE404(B+), CE462(B+), CE492(B+), MT482(B+)
KME17CE054	CE402(A), CE404(A), CE462(A), CE492(B+), MT482(B+)
KME17CE056	CE402(A+), CE404(A+), CE462(A+), CE492(A+), MT482(A)
KME17CE058	CE402(F), CE404(F), CE462(F), CE492(B), MT482(F)
KME17CE059	CE402(B+), CE404(B+), CE462(B+), CE492(B), MT482(B)
KME17CE060	CE402(A+), CE404(A+), CE462(A), CE492(B+), MT482(A)
KME17CE061	CE402(A+), CE404(A+), CE462(A+), CE492(B+), MT482(A+)
KME17CE062	CE402(B+), CE404(B+), CE474(B+), CE492(B+), MT482(B+)
KME17CE063	BT362(B+), CE402(A+), CE404(A+), CE462(A), CE492(B+)
KME17CE065	BT362(A), CE402(B+), CE404(A), CE474(A+), CE492(O)
KME17CE066	BT362(B+), CE402(B+), CE404(A), CE462(B+), CE492(B)
KME17CE067	CE402(A), CE404(A), CE462(A), CE492(B), MT482(B+)
KME17CE068	CE402(A+), CE404(A+), CE462(A+), CE492(B+), MT482(A+)
KME17CE069	CE402(A), CE404(A), CE462(A), CE492(B+), MT482(A)
KME17CE070	BT362(B), CE402(B), CE404(B), CE462(B), CE492(B)

KME17CE071	CE402(B+), CE404(A+), CE474(A+), CE492(B+), MT482(A)
KME17CE072	BT362(A), CE402(A+), CE404(A+), CE462(A+), CE492(B+)
KME17CE073	BT362(A), CE402(A), CE404(A+), CE462(A), CE492(B+)
KME17CE075	CE402(A+), CE404(A+), CE462(A+), CE492(A), MT482(A+)
KME17CE076	CE402(FE), CE404(FE), CE462(FE), CE492(FE), MT482(FE)
KME17CE077	CE402(B), CE404(B), CE462(B), CE492(B+), MT482(B)
KME17CE078	CE402(B+), CE404(B+), CE462(B+), CE492(B), MT482(B)
KME17CE079	CE402(B+), CE404(B+), CE462(B+), CE492(B+), MT482(B+)
KME17CE080	CE402(A), CE404(A), CE462(A), CE492(B+), MT482(B+)
KME17CE081	BT362(A), CE402(A+), CE404(A+), CE462(B+), CE492(A)
KME17CE082	BT362(A), CE402(A), CE404(A+), CE474(A+), CE492(B+)
KME17CE083	BT362(A), CE402(A+), CE404(A+), CE462(A+), CE492(B+)
KME17CE084	BT362(A), CE402(A+), CE404(A+), CE462(A+), CE492(A)
KME17CE085	BT362(B+), CE402(A+), CE404(A), CE462(A), CE492(B+)
KME17CE086	CE402(B+), CE404(B+), CE474(B+), CE492(B+), MT482(B+)
KME17CE087	BT362(B+), CE402(B+), CE404(A), CE474(A), CE492(B+)
KME17CE088	CE402(O), CE404(O), CE462(O), CE492(O), MT482(O)
KME17CE089	CE402(B+), CE404(B+), CE462(B+), CE492(B), MT482(B+)
KVE17CE004	CE402(B), CE404(B), CE474(B), CE492(B+), MT482(B)
KVE17CE005	CE402(B+), CE404(A), CE462(A), CE492(B+), MT482(B+)
KVE17CE011	CE402(A), CE404(A), CE474(B+), CE492(B+), MT482(A)
KVE17CE019	CE402(F), CE404(F), CE462(F), CE492(B+), MT482(F)
KVE17CE025	CE402(F), CE404(F), CE474(F), CE492(B), MT482(F)
KVE17CE028	CE402(B+), CE404(B+), CE462(B+), CE492(B), MT482(B)
KVE17CE031	CE402(F), CE404(F), CE474(F), CE492(B), MT482(F)
LCIM17CE033	BT362(F), CE402(F), CE404(F), CE474(F), CE492(B+)
LCIM17CE034	BT362(B+), CE402(B+), CE404(B+), CE474(B+), CE492(B+)
LCIM17CE036	BT362(A), CE402(A), CE404(A), CE474(B+), CE492(B+)
LCIM17CE037	BT362(B+), CE402(B+), CE404(B+), CE474(B+), CE492(B+)
LKME17CE090	BT362(A+), CE402(B+), CE404(A+), CE474(A+), CE492(B+)

LKME17CE091	CE402(A), CE404(A), CE474(A), CE492(A), MT482(A)
LKME17CE092	BT362(A), CE402(B+), CE404(A), CE474(B+), CE492(B+)
MTA16CE019	BT362(F), CE402(F), CE404(F), CE462(F), CE492(B+)

COMPUTER SCIENCE & ENGINEERING[Full Time]	
Course Code	Course
CS402	DATA MINING AND WARE HOUSING
CS404	EMBEDDED SYSTEMS
CS472	PRINCIPLES OF INFORMATION SECURITY
CE488	DISASTER MANAGEMENT
CS492	PROJECT

Register No	Course Code (Grade)
CIM16CS037	CS402(F), CS404(P), CS472(P), CS492(A), CE488(C)
KME15CS002	CS402(C), CS404(P), CS472(P), CS492(C), CE488(C)
KME15CS021	CS402(C), CS404(C), CS472(C), CS492(A), CE488(C)
KME16CS001	CS402(C), CS404(C), CS472(C), CS492(O), CE488(C)
KME16CS012	CS402(F), CS404(F), CS472(F), CS492(O), CE488(F)
KME16CS026	CS402(F), CS404(F), CS472(F), CS492(O), CE488(F)
KME16CS034	CS402(F), CS404(F), CS472(Absent), CS492(O), CE488(F)
KME16CS036	CS402(F), CS404(F), CS472(F), CS492(O), CE488(F)
KME16CS037	CS402(C), CS404(B), CS472(B), CS492(A+), CE488(B)
KME17CS001	CS402(C), CS404(C), CS472(C), CS492(B+), CE488(C)
KME17CS002	CS402(B+), CS404(A), CS472(B+), CS492(B+), CE488(A+)
KME17CS003	CS402(B), CS404(B), CS472(B+), CS492(A+), CE488(B+)
KME17CS004	CS402(C), CS404(C), CS472(B), CS492(O), CE488(B)
KME17CS005	CS402(B), CS404(C), CS472(B), CS492(B+), CE488(B)
KME17CS006	CS402(C), CS404(C), CS472(C), CS492(B+), CE488(C)
KME17CS007	CS402(O), CS404(O), CS472(O), CS492(O), CE488(O)
KME17CS008	CS402(A), CS404(A), CS472(A), CS492(B+), CE488(A+)
KME17CS009	CS402(B+), CS404(B+), CS472(B+), CS492(A), CE488(A)

KME17CS011	CS402(B+), CS404(B+), CS472(B+), CS492(O), CE488(A)
KME17CS012	CS402(B), CS404(B), CS472(B), CS492(A+), CE488(B+)
KME17CS013	CS402(C), CS404(C), CS472(C), CS492(A), CE488(C)
KME17CS014	CS402(B+), CS404(B+), CS472(B+), CS492(A), CE488(A)
KME17CS015	CS402(A+), CS404(A+), CS472(A), CS492(O), CE488(A)
KME17CS016	CS402(B), CS404(B+), CS472(B), CS492(O), CE488(B)
KME17CS019	CS402(B+), CS404(B), CS472(B), CS492(A), CE488(B+)
KME17CS020	CS402(B+), CS404(B+), CS472(A+), CS492(A), CE488(A+)
KME17CS021	CS402(B), CS404(B), CS472(B), CS492(O), CE488(B+)
KME17CS022	CS402(B+), CS404(B+), CS472(B+), CS492(O), CE488(A)
KME17CS024	CS402(B), CS404(B), CS472(B), CS492(O), CE488(B)
KME17CS026	CS402(B), CS404(B), CS472(B), CS492(O), CE488(B)
KME17CS027	CS402(B+), CS404(B+), CS472(B+), CS492(A), CE488(B+)
KME17CS028	CS402(B), CS404(B), CS472(B), CS492(A+), CE488(B)
KME17CS029	CS402(B), CS404(B), CS472(B), CS492(O), CE488(B+)
KME17CS030	CS402(F), CS404(F), CS472(F), CS492(A), CE488(F)
KME17CS031	CS402(B), CS404(B), CS472(B), CS492(O), CE488(B)
KME17CS032	CS402(B+), CS404(B+), CS472(B+), CS492(O), CE488(B+)
KME17CS033	CS402(B), CS404(B), CS472(B), CS492(A+), CE488(B+)
KME17CS034	CS402(B+), CS404(B+), CS472(B+), CS492(A+), CE488(B+)
KME17CS035	CS402(B), CS404(C), CS472(B), CS492(A+), CE488(B+)
KME17CS036	CS402(B+), CS404(A), CS472(B+), CS492(A), CE488(A+)
KME17CS037	CS402(B+), CS404(B+), CS472(A+), CS492(A), CE488(A+)
KME17CS038	CS402(B+), CS404(B+), CS472(B+), CS492(A), CE488(A+)
KME17CS039	CS402(A), CS404(B+), CS472(A), CS492(O), CE488(A)
KME17CS040	CS402(C), CS404(C), CS472(C), CS492(A+), CE488(B)
KME17CS041	CS402(B+), CS404(B+), CS472(B+), CS492(A+), CE488(B+)
KME17CS043	CS402(F), CS404(F), CS472(F), CS492(O), CE488(F)
KVE15CS033	CS402(C), CS404(C), CS472(C), CS492(A), CE488(C)
LKME17CS046	CS402(B+), CS404(B+), CS472(A), CS492(O), CE488(A+)

ELECTRICAL AND ELECTRONICS ENGINEERING[Full Time]

Course Code	Course
EE402	SPECIAL ELECTRIC MACHINES
EE404	INDUSTRIAL INSTRUMENTATION & AUTOMATION
EE474	ENERGY MANAGEMENT AND AUDITING
CE488	DISASTER MANAGEMENT
EE492	PROJECT

Register No	Course Code (Grade)
CIM17EE008	EE402(F), EE404(F), EE474(F), EE492(B+), CE488(F)
KME16EE025	EE402(F), EE404(F), EE474(F), EE492(C), CE488(F)
KME17EE001	EE402(A), EE404(A), EE474(O), EE492(O), CE488(O)
KME17EE002	EE402(A), EE404(A+), EE474(A+), EE492(A+), CE488(O)
KME17EE003	EE402(C), EE404(C), EE474(C), EE492(A), CE488(C)
KME17EE004	EE402(C), EE404(C), EE474(B), EE492(A), CE488(B+)
KME17EE005	EE402(C), EE404(C), EE474(C), EE492(B+), CE488(C)
KME17EE006	EE402(B), EE404(B), EE474(B+), EE492(A), CE488(B+)
KME17EE007	EE402(C), EE404(C), EE474(C), EE492(A), CE488(C)
KME17EE008	EE402(A+), EE404(A+), EE474(O), EE492(A+), CE488(A+)
KME17EE010	EE402(F), EE404(F), EE474(F), EE492(B+), CE488(F)
KME17EE011	EE402(B), EE404(B+), EE474(B+), EE492(O), CE488(B+)
KME17EE013	EE402(B), EE404(B), EE474(B), EE492(A), CE488(B)
KME17EE014	EE402(B+), EE404(B+), EE474(A), EE492(A), CE488(B+)
KME17EE016	EE402(B+), EE404(B+), EE474(B+), EE492(O), CE488(B+)
KME17EE017	EE402(C), EE404(C), EE474(C), EE492(A), CE488(C)
KME17EE018	EE402(C), EE404(C), EE474(C), EE492(B+), CE488(C)
KME17EE019	EE402(A), EE404(A), EE474(A+), EE492(A), CE488(A)
KME17EE020	EE402(B), EE404(B), EE474(B+), EE492(A), CE488(A)
KME17EE022	EE402(B+), EE404(B+), EE474(A), EE492(A), CE488(A)
KME17EE023	EE402(B+), EE404(B), EE474(B+), EE492(O), CE488(B+)

KME17EE024	EE402(B+), EE404(B), EE474(B+), EE492(A+), CE488(B+)
LKME17EE025	EE402(B), EE404(B), EE474(B), EE492(A+), CE488(B)

ELECTRONICS & COMMUNICATION ENGG[Full Time]

Course Code	Course
EC402	NANO ELECTRONICS
EC404	ADVANCED COMMUNICATION SYSTEMS
EC468	SECURE COMMUNICATION
CE488	DISASTER MANAGEMENT
EC492	PROJECT

Register No	Course Code (Grade)
CIM16EC002	EC402(FE), EC404(FE), EC468(FE), EC492(FE), CE488(FE)
KME16EC002	EC402(F), EC404(F), EC468(F), EC492(B), CE488(F)
KME16EC004	EC402(F), EC404(F), EC468(F), EC492(B+), CE488(F)
KME17EC001	EC402(A), EC404(B+), EC468(A), EC492(O), CE488(B+)
KME17EC002	EC402(B+), EC404(B+), EC468(B+), EC492(B+), CE488(B)
KME17EC003	EC402(B+), EC404(B+), EC468(B+), EC492(A), CE488(B+)
KME17EC004	EC402(B+), EC404(B+), EC468(B+), EC492(B), CE488(B)
KME17EC005	EC402(A+), EC404(A+), EC468(A+), EC492(A+), CE488(B+)
KME17EC006	EC402(C), EC404(C), EC468(C), EC492(A), CE488(C)
KME17EC008	EC402(B), EC404(B), EC468(B), EC492(A), CE488(B)
KME17EC009	EC402(C), EC404(C), EC468(B), EC492(B+), CE488(C)
KME17EC010	EC402(B+), EC404(B+), EC468(A), EC492(O), CE488(B+)
KME17EC011	EC402(B+), EC404(B+), EC468(A), EC492(O), CE488(B+)
KME17EC012	EC402(B), EC404(B+), EC468(B+), EC492(B+), CE488(B)
KME17EC013	EC402(A), EC404(A), EC468(B+), EC492(O), CE488(B+)
KME17EC014	EC402(B), EC404(B+), EC468(B+), EC492(A+), CE488(B)
KME17EC017	EC402(O), EC404(O), EC468(O), EC492(O), CE488(O)
KME17EC019	EC402(F), EC404(F), EC468(F), EC492(B+), CE488(F)
KME17EC020	EC402(A), EC404(O), EC468(A), EC492(O), CE488(A)

KME17EC021	EC402(C), EC404(C), EC468(C), EC492(B+), CE488(C)
KME17EC022	EC402(A+), EC404(A+), EC468(O), EC492(O), CE488(A)
LKME17EC025	EC402(B), EC404(B+), EC468(B+), EC492(B+), CE488(B)
LKME17EC027	EC402(B+), EC404(B+), EC468(B+), EC492(A+), CE488(B+)
LKME17EC028	EC402(B+), EC404(B+), EC468(B+), EC492(A+), CE488(B+)
LKME17EC029	EC402(C), EC404(C), EC468(C), EC492(A), CE488(C)

ELECTRONICS & INSTRUMENTATION ENGINEERING[Full Time]

Course Code	Course
AE402	ANALYTICAL INSTRUMENTATION
AE410	POWER PLANT INSTRUMENTATION
AE472	PETROLEUM ENGINEERING
CE488	DISASTER MANAGEMENT
AE492	PROJECT

Register No	Course Code (Grade)
KME16AE001	AE402(F), AE410(F), AE472(F), AE492(B+), CE488(F)
KME16AE005	AE402(F), AE410(F), AE472(F), AE492(B+), CE488(F)
KME16AE008	AE402(F), AE410(F), AE472(F), AE492(B+), CE488(F)
KME16AE011	AE402(B+), AE410(B+), AE472(B+), AE492(A), CE488(B+)
KME17AE001	AE402(B+), AE410(A), AE472(A), AE492(A), CE488(B+)
KME17AE002	AE402(A+), AE410(A), AE472(A), AE492(A), CE488(B+)
KME17AE003	AE402(B+), AE410(A), AE472(B+), AE492(A+), CE488(B+)
KME17AE004	AE402(O), AE410(O), AE472(O), AE492(O), CE488(A+)
KME17AE006	AE402(A), AE410(A+), AE472(A+), AE492(A), CE488(B+)
KME17AE007	AE402(B+), AE410(B+), AE472(B+), AE492(B+), CE488(B)
KME17AE008	AE402(B), AE410(B), AE472(B), AE492(B+), CE488(B)
KME17AE009	AE402(B+), AE410(B+), AE472(B), AE492(A+), CE488(B)
KME17AE010	AE402(A+), AE410(A+), AE472(A+), AE492(A+), CE488(A)
KME17AE012	AE402(B), AE410(B), AE472(B), AE492(B+), CE488(B)
KME17AE013	AE402(B), AE410(B), AE472(B), AE492(B+), CE488(B)

KME17AE016	AE402(A), AE410(B), AE472(A), AE492(B+), CE488(B)
KME17AE017	AE402(A), AE410(A), AE472(A), AE492(A), CE488(B+)
LKME17AE018	AE402(A), AE410(A), AE472(A), AE492(A+), CE488(B+)
LKME17AE019	AE402(A), AE410(A), AE472(A), AE492(A+), CE488(B+)
LKME17AE020	AE402(O), AE410(O), AE472(O), AE492(O), CE488(A+)

MECHANICAL ENGINEERING[Full Time]

Course Code	Course
ME402	DESIGN OF MACHINE ELEMENTS II
ME404	INDUSTRIAL ENGINEERING
ME462	PROPULSION ENGINEERING
CE488	DISASTER MANAGEMENT
ME492	PROJECT
ME476	MATERIAL HANDLING & FACILITIES PLANNING
CE482	ENVIRONMENTAL IMPACT ASSESSMENT

Register No	Course Code (Grade)
CIM17ME003	ME462(F), ME402(F), ME404(F), ME492(B+), CE488(F)
CIM17ME005	ME462(B+), ME402(B), ME404(B+), ME492(B+), CE488(B)
CIM17ME007	ME462(B+), ME402(B+), ME404(B), ME492(B), CE488(B)
CIM17ME009	ME462(B+), ME402(B+), ME404(B+), ME492(B+), CE488(B+)
CIM17ME012	ME462(C), ME402(C), ME404(C), ME492(A), CE488(C)
CIM17ME017	ME462(A+), ME402(A+), ME404(A), ME492(A+), CE488(A+)
CIM17ME019	ME462(B+), ME402(B+), ME404(B+), ME492(A+), CE488(B+)
CIM17ME021	ME462(B), ME402(B), ME404(B), ME492(B), CE488(B)
CIM17ME023	ME462(F), ME402(F), ME404(F), ME492(B), CE488(F)
CIM17ME024	ME462(B+), ME402(B+), ME404(B+), ME492(B+), CE488(B+)
CIM17ME030	ME462(B+), ME402(B+), ME404(B+), ME492(B+), CE488(B+)
CIM17ME034	ME462(B+), ME402(B+), ME404(B+), ME492(B+), CE488(B+)
CIM17ME036	ME462(B), ME402(B), ME404(B), ME492(B+), CE488(B+)
CIM17ME037	ME462(B+), ME402(B+), ME404(B+), ME492(B+), CE488(B+)

KME15ME007	ME462(F), ME402(F), ME404(F), ME492(B), CE488(F)
KME15ME043	ME462(FE), ME402(FE), ME404(FE), ME492(FE), CE488(FE)
KME15ME056	ME462(FE), ME402(FE), ME404(FE), ME492(FE), CE488(FE)
KME15ME099	ME476(P), ME402(P), ME404(C), ME492(B), CE482(P)
KME16ME021	ME462(B), ME402(B), ME404(B), ME492(A+), CE488(B)
KME16ME030	ME462(C), ME402(C), ME404(C), ME492(O), CE488(C)
KME17ME001	ME462(F), ME402(F), ME404(F), ME492(A+), CE488(F)
KME17ME003	ME462(B+), ME402(B+), ME404(B+), ME492(O), CE488(B+)
KME17ME004	ME462(F), ME402(F), ME404(F), ME492(A), CE488(F)
KME17ME005	ME462(A+), ME402(A+), ME404(A+), ME492(A+), CE488(A+)
KME17ME006	ME462(B), ME402(B), ME404(B), ME492(A+), CE488(B)
KME17ME007	ME462(B), ME402(B+), ME404(B+), ME492(O), CE488(B+)
KME17ME008	ME462(B+), ME402(B+), ME404(B+), ME492(A+), CE488(B+)
KME17ME009	ME462(A), ME402(A), ME404(A), ME492(A+), CE488(B+)
KME17ME010	ME462(B), ME402(B), ME404(B), ME492(A+), CE488(B)
KME17ME011	ME462(O), ME402(O), ME404(O), ME492(A+), CE488(O)
KME17ME013	ME462(A+), ME402(A+), ME404(A+), ME492(A+), CE488(A+)
KME17ME014	ME462(B+), ME402(B+), ME404(B+), ME492(A), CE488(B+)
KME17ME015	ME462(C), ME402(C), ME404(C), ME492(A+), CE488(C)
KME17ME017	ME462(F), ME402(F), ME404(F), ME492(A+), CE488(F)
KME17ME018	ME462(A+), ME402(A+), ME404(A+), ME492(A+), CE488(B+)
KME17ME019	ME462(B+), ME402(B+), ME404(B+), ME492(A+), CE488(B+)
KME17ME020	ME462(B+), ME402(A), ME404(A), ME492(A+), CE488(A)
KME17ME021	ME462(A+), ME402(A+), ME404(A), ME492(A+), CE488(A)
KME17ME022	ME462(A), ME402(A+), ME404(A), ME492(A), CE488(A)
KME17ME023	ME462(A), ME402(A), ME404(A), ME492(A), CE488(B+)
KME17ME024	ME462(A+), ME402(A+), ME404(A+), ME492(A), CE488(A+)
KME17ME025	ME462(A), ME402(A), ME404(B+), ME492(A+), CE488(A)
KME17ME026	ME462(A), ME402(A), ME404(A), ME492(O), CE488(A)
KME17ME027	ME462(B), ME402(B), ME404(B+), ME492(B+), CE488(B)

KME17ME028	ME462(B+), ME402(B+), ME404(A), ME492(A+), CE488(B+)
KME17ME029	ME462(B), ME402(B), ME404(B), ME492(A+), CE488(B)
KME17ME030	ME462(B+), ME402(B+), ME404(B+), ME492(O), CE488(B)
KME17ME031	ME462(O), ME402(O), ME404(O), ME492(A+), CE488(O)
KME17ME032	ME462(A+), ME402(A+), ME404(A+), ME492(A), CE488(A+)
KME17ME033	ME462(B+), ME402(B+), ME404(B+), ME492(O), CE488(B+)
KME17ME034	ME462(O), ME402(O), ME404(O), ME492(O), CE488(O)
KME17ME035	ME462(A), ME402(A), ME404(A+), ME492(O), CE488(A)
KME17ME036	ME462(B+), ME402(B+), ME404(B+), ME492(O), CE488(B+)
KME17ME037	ME462(B+), ME402(B+), ME404(B+), ME492(A+), CE488(B+)
KME17ME038	ME462(B+), ME402(B+), ME404(B+), ME492(A), CE488(B+)
KME17ME039	ME462(B+), ME402(B+), ME404(B+), ME492(A), CE488(B+)
KME17ME041	ME462(B+), ME402(B+), ME404(B+), ME492(A), CE488(B+)
KME17ME042	ME462(A+), ME402(A), ME404(A+), ME492(A), CE488(A)
KME17ME043	ME462(O), ME402(O), ME404(O), ME492(O), CE488(A+)
KME17ME044	ME462(B+), ME402(B+), ME404(B+), ME492(O), CE488(B+)
KME17ME045	ME462(B+), ME402(B+), ME404(B+), ME492(B+), CE488(B+)
KME17ME047	ME462(A+), ME402(A+), ME404(A+), ME492(A), CE488(A+)
KME17ME048	ME462(B+), ME402(B+), ME404(B+), ME492(A), CE488(B+)
KME17ME049	ME462(A+), ME402(A), ME404(A), ME492(B+), CE488(A)
KME17ME050	ME462(F), ME402(F), ME404(F), ME492(B+), CE488(F)
KME17ME051	ME462(A), ME402(A), ME404(A), ME492(A), CE488(A)
KME17ME052	ME462(B+), ME402(B), ME404(B+), ME492(B+), CE488(B)
KME17ME053	ME462(B), ME402(B), ME404(B), ME492(A+), CE488(B)
KME17ME055	ME462(O), ME402(O), ME404(O), ME492(O), CE488(A)
KME17ME056	ME462(B+), ME402(B), ME404(B+), ME492(B+), CE488(B+)
KME17ME057	ME462(B), ME402(B), ME404(B), ME492(A+), CE488(B)
KME17ME058	ME462(A), ME402(A), ME404(A), ME492(O), CE488(A)
KME17ME059	ME462(A+), ME402(A+), ME404(A+), ME492(O), CE488(A+)
KME17ME060	ME462(C), ME402(C), ME404(C), ME492(B+), CE488(C)

KME17ME063	ME462(A), ME402(A+), ME404(A+), ME492(O), CE488(A)
KME17ME064	ME462(O), ME402(O), ME404(O), ME492(O), CE488(O)
KME17ME065	ME462(A+), ME402(O), ME404(A+), ME492(A+), CE488(A+)
KME17ME066	ME462(A+), ME402(A), ME404(A+), ME492(B+), CE488(A+)
KME17ME067	ME462(B+), ME402(B+), ME404(B+), ME492(A), CE488(B+)
KME17ME068	ME462(C), ME402(C), ME404(C), ME492(B+), CE488(C)
KME17ME070	ME462(O), ME402(O), ME404(O), ME492(O), CE488(A+)
KME17ME071	ME462(F), ME402(F), ME404(F), ME492(B+), CE488(F)
KME17ME072	ME462(A+), ME402(A+), ME404(A), ME492(A), CE488(A)
KME17ME073	ME462(B+), ME402(B+), ME404(B+), ME492(A), CE488(B+)
KVE17ME026	ME462(B+), ME402(B), ME404(B+), ME492(B+), CE488(B+)
KVE17ME038	ME462(F), ME402(F), ME404(F), ME492(B), CE488(F)
LKME17ME076	ME462(O), ME402(O), ME404(O), ME492(B+), CE488(O)
LKME17ME077	ME462(B+), ME402(B+), ME404(B+), ME492(B+), CE488(B+)
LKME17ME078	ME462(A+), ME402(A+), ME404(A+), ME492(A), CE488(A)
LKME17ME079	ME462(A+), ME402(A+), ME404(A+), ME492(B+), CE488(A+)
LKME17ME080	ME462(B+), ME402(B+), ME404(B+), ME492(B+), CE488(B+)
LKME17ME081	ME462(A+), ME402(O), ME404(A+), ME492(B+), CE488(A+)
LKME17ME082	ME462(A+), ME402(A), ME404(A+), ME492(B+), CE488(A)