Classification of typical plant objects (procurement)			
Categories		**Category name**	
Level One	Level two		**Table number**
D01		static equipment	
	D01-01	Vessel	D01-01
	D01-02	reactor	D01-02
	D01-03	tower	D01-02
	D01-04	heat-exchanger	D01-03
	D01-05	Piping components and special valves	D01-04
	D01-99	other static equipment	D01-99
D02		rotating equipment	
	D02-01	Pump	D02-01
	D02-02	Compressor	D02-02
	D02-99	other rotating equipment	D02-99
D03		instrument	D03
D04		electrical equipment	D04
D05		other equipment	D05
D06		special equipment	D06
D07		telecommunication equipment	D07

D01-01 Vessel			
Document classification number	Document category name	Document Identification Number	Document data name
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		B	Pressure vessel manufacturing licence
		C	Inspection Certificate of pressure vessel
		D	Certificate of Conformity
		E	Data Sheet/specification
		F	Quality Plan/ Inspection Plan (ITP)
		GA	List of the main compression elements
		GB	Main pressure element materials (including plates, heads, forgings, welding materials, fasteners, etc.)
		H	Material reinspection report
		I	Certificate of Material Quality/Bill of material
		JA	Paint product quality certificate/certificate of conformity
		JB	Paint Inspection Record
		KA	Welding procedure qualification
		KB	welding procedure specification
		KC	Container welder code, weld number distribution table
		KD	Welder Qualification Certificate
		KE	Product Welding Record Summary
		KF	Product welding joint repair record
		KG	Chemical composition analysis report of product welding test piece
		KH	Product Welding Specimen Mechanical Properties Inspection Report
		L	NDT report
		M	Heat treatment report
		N	Report of pressure test
		O	Leakage Test Report
		P	Other test records
		Q	Product appearance and geometric dimension inspection report
		R	Copy of nameplate
02	Product Drawing Operation Manual	S	Strength calculation book (or stress analysis report)
		T	Risk Assessment Report (Class III Pressure Vessels)
		U	Instructions for use, installation and maintenance of the product
		V	As-built drawing(including component drawing, part drawing, pre weldment drawing, nozzle
03	Spare parts	W	List of maintenance parts (including spare parts)
04	Others	X	Equipment/material change, replacement order

D01-02 Reactor			
Document classification number	Document category name	Document Identification Number	Document data name
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		B	Pressure vessel manufacturing licence
		C	Inspection Certificate of pressure vessel
		D	Certificate of Conformity
		E	Data Sheet/specification
		F	Quality Plan/ Inspection Plan (ITP)
		GA	List of the main compression elements
		GB	Main pressure element materials (including plates, heads, forgings, welding materials, fasteners, etc.)
		H	Material reinspection report
		I	Certificate of Material Quality/Bill of material
		JA	Paint product quality certificate/certificate of conformity
		JB	Paint Inspection Record
		KA	Welding procedure qualification
		KB	welding procedure specification
		KC	Container welder code, weld number distribution table
		KD	Welder Qualification Certificate
		KE	Product Welding Record Summary
		KF	Product welding joint repair record
		KG	Chemical composition analysis report of product welding test piece
		KH	Product Welding Specimen Mechanical Properties Inspection Report
		L	NDT report
		M	Heat treatment report
		N	Report of pressure test
		O	Leakage Test Report
		P	Other test records
		Q	Product appearance and geometric dimension inspection report
		R	Copy of nameplate
02	Product Drawing Operation Manual	S	Strength calculation book (or stress analysis report)
		T	Risk Assessment Report (Class III Pressure Vessels)
		U	Instructions for use, installation and maintenance of the product
		V	As-built drawing(including component drawing, part drawing, pre weldment drawing, nozzle
03	Spare parts	W	List of maintenance parts (including spare parts)
04	Others	X	Equipment/material change, replacement order

D01-03 Tower			
Document classification number	Document category name	Document Identification Number	Document data name
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		B	Pressure vessel manufacturing licence
		C	Inspection Certificate of pressure vessel
		D	Certificate of Conformity
		E	Data Sheet/specification
		F	Quality Plan/ Inspection Plan (ITP)
		GA	List of the main compression elements
		GB	Main pressure element materials (including plates, heads, forgings, welding materials, fasteners, etc.)
		H	Material reinspection report
		I	Certificate of Material Quality/Bill of material
		JA	Paint product quality certificate/certificate of conformity
		JB	Paint Inspection Record
		KA	Welding procedure qualification
		KB	welding procedure specification
		KC	Container welder code, weld number distribution table
		KD	Welder Qualification Certificate
		KE	Product Welding Record Summary
		KF	Product welding joint repair record
		KG	Chemical composition analysis report of product welding test piece
		KH	Product Welding Specimen Mechanical Properties Inspection Report
		L	NDT report
		M	Heat treatment report
		N	Report of pressure test
		O	Leakage Test Report
		P	Other test records
		Q	Product appearance and geometric dimension inspection report
		R	Copy of nameplate
02	Product Drawing Operation Manual	S	Strength calculation book (or stress analysis report)
		T	Risk Assessment Report (Class III Pressure Vessels)
		U	Instructions for use, installation and maintenance of the product
		V	As-built drawing(including component drawing, part drawing, pre weldment drawing, nozzle
03	Spare parts	W	List of maintenance parts (including spare parts)
04	Others	X	Equipment/material change, replacement order

D01-04 Heat Exchanger			
Document classification number	Document category name	Document Identification Number	Document data name
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		B	Pressure vessel manufacturing licence
		C	Inspection Certificate of pressure vessel
		D	Certificate of Conformity
		E	Data Sheet/specification
		F	Quality Plan/ Inspection Plan (ITP)
		GA	List of the main compression elements
		GB	Main pressure element materials (including plates, heads, forgings, welding materials, fasteners, etc.)
		H	Material reinspection report
		I	Certificate of Material Quality/Bill of material
		JA	Paint product quality certificate/certificate of conformity
		JB	Paint Inspection Record
		KA	Welding procedure qualification
		KB	welding procedure specification
		KC	Container welder code, weld number distribution table
		KD	Welder Qualification Certificate
		KE	Product Welding Record Summary
		KF	Product welding joint repair record
		KG	Chemical composition analysis report of product welding test piece
		KH	Product Welding Specimen Mechanical Properties Inspection Report
		L	NDT report
		M	Heat treatment report
		N	Report of pressure test
		O	Leakage Test Report
		P	Other test records
		Q	Product appearance and geometric dimension inspection report
		R	Copy of nameplate
02	Product Drawing Operation Manual	S	Strength calculation book (or stress analysis report)
		T	Risk Assessment Report (Class III Pressure Vessels)
		U	Instructions for use, installation and maintenance of the product
		V	As-built drawing(including component drawing, part drawing, pre weldment drawing, nozzle
03	Spare parts	W	List of maintenance parts (including spare parts)
04	Others	X	Equipment/material change, replacement order

D01-05 Piping and valves			
Document classification number	**Document category name**	**Document Identification Number**	**Document data name**
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		B	Special equipment manufacturing license
		C	Certificate of Conformity
		D	Certificate of Quality
		E	Certificate of material quality
		F	Product parameter and calculation sheet
02	Product Drawing Operation Manual	G	Product installation, operation and Operation Instructions
		H	Product drawing
03	Spare parts	I	List of maintenance parts (including spare parts)
		J	List of special tools
04	Others	K	Equipment/material change, replacement order

D01-99 Other static equipment			
Document classification number	**Document category name**	**Document Identification Number**	**Document data name**
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		B	Pressure vessel manufacturing licence
		C	Inspection Certificate of pressure vessel
		D	Certificate of Conformity
		E	Certificate of Material Quality/Bill of material
		FA	Torch barrel quality certificate
		FB	Torch head quality certificate
		FC	Tower quality certificate
		G	Material list of main pressure components
		H	Material reinspection report
		I	NDT report
		J	Heat treatment report
		K	Report of pressure test
		L	Pipeline system pressure test record
		M	Kerosene leak test report
		N	Product appearance and geometric dimension inspection report
		O	Other test records
		P	Copy of nameplate
		Q	Data Sheet/specification
02	Product Drawing Operation Manual	R	Instructions for use, installation and maintenance of the product
		S	As-built drawing (including part drawing, part drawing, pre-welding part drawing, pipe mouth orientation
03	Spare parts	T	List of maintenance parts (including spare parts)
04	Others	U	Equipment/material change, replacement order

D02-01 Pump			
Document classification number	Document category name	Document Identification Number	Document data name
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		AF	Qualification documents
		BA	Certificate of Conformity
		BB	Coupling certificate
		BC	seal certificate
		C	Certificate of material quality
		D	Data Sheet/specification
		E	Mechanical running test report
		F	Performance test report
		G	Motor test report
		H	Test report on mechanical properties
		I	Noise Test Report
		J	Hydrostatic test report
		K	Other test reports
		L	Performance test data sheet graph
		M	Pump Expected Performance Curve
		N	Copy of nameplate
02	Product Drawing Operation Manual	O	Product installation, operation and Operation Instructions
		PA	Product drawing (including general drawing, component drawing, part drawing)
		PB	seal drawings
		PC	Electrical wiring diagram
		PD	System flow diagram
		PE	Coupling Drawing
		PF	Sectional view
		PG	Motor outline drawing
03	Spare parts	Q	Lubricating oil meter
		R	List of maintenance parts (including spare parts)
		S	List of special tools
		T	Instrument List
04	Others	N	Equipment/material change, replacement order

D02-02 Compressor			
Document classification number	**Document category name**	**Document Identification Number**	**Document data name**
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		AF	Qualification documents
		B	Certificate of Conformity
		C	Certificate of material quality
		D	Mechanical running test report
		E	Performance test report
		F	Motor test report
		G	Test report on mechanical properties
		H	NDT report
		I	Hydrostatic test report
		J	Motor no-load trial operation report
		K	Impeller static balance report
		L	Dynamic Balance Report
		M	Data Sheet/specification
02	Product Drawing Operation Manual	N	Product installation, operation and Operation Instructions
		OA	Product drawing (including general drawing, component drawing, part drawing)
		OB	General drawing of dry gas seal
		OC	Coupling general drawing
03	Spare parts	P	Lubricating oil meter
		Q	List of maintenance parts (including spare parts)
		R	List of special tools
04	Others	S	Utility Consumption Table
		T	Equipment/material change, replacement order

D02-99 Other rotating equipment			
Document classification number	**Document category name**	**Document Identification Number**	**Document data name**
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		AF	Qualification documents
		B	Certificate of Conformity
		C	Certificate of material quality
		D	Motor test report
		E	Data Sheet/specification
		F	Copy of nameplate
02	Product Drawing Operation Manual	G	Product installation, operation and Operation Instructions
		H	Product drawing
03	Spare parts	I	List of maintenance parts (including spare parts)
		J	List of special tools
04	Others	K	Equipment/material change, replacement order

D03 Instrument			
Document classification number	**Document category name**	**Document Identification Number**	**Document data name**
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		AF	Qualification documents
		B	Approval Certificate for Measuring Instrument Form
		C	Certificate of Conformity
		D	Certificate of material quality
		E	Data Sheet/specification
		F	Test report
		G	Explosion proof certificate
		H	Parameter calculation book
		I	Copy of nameplate
02	Product Drawing Operation Manual	J	Product installation, operation and Operation Instructions
		K	Product drawing
03	Spare parts	L	List of maintenance parts (including spare parts)
		M	List of special tools
04	Others	N	Product selection sample
		O	Equipment/material change, replacement order

D04 Electrical equipment			
Document classification number	**Document category name**	**Document Identification Number**	**Document data name**
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		AF	Qualification documents
		B	Certificate of Conformity
		C	Certificate of material quality
		D	Data Sheet/specification
		E	Explosion proof certificate/3C
		F	Factory inspection report
		G	Test report
		H	Form test report
		I	Copy of nameplate
02	Product Drawing Operation Manual	J	Product installation, operation and Operation Instructions
		K	Product drawing (including logic drawing, wiring drawing, etc.)
03	Spare parts	L	List of maintenance parts (including spare parts)
		M	List of special tools
		N	Bill of Materials
04	Others	O	Equipment/material change, replacement order

D05 Other equipment			
Document classification number	Document category name	Document Identification Number	Document data name
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		AF	Qualification documents
		BA	Certificate of Conformity
		BB	Explosion-proof certificate
		BC	Special equipment type test certificate
		C	Special equipment production license
		D	Product 3C certification
		E	Fire product identity information B-sign
		F	Certificate of material quality
		G	Data Sheet/specification
		H	Pressure Test Report
		I	Factory inspection report
		J	Other inspection reports
		K	Supervision and Inspection Report of Traction Explosion-proof Elevator
		L	Elevator use sign
		M	Copy of nameplate
		N	Material list, certificate of conformity, and quality certification documents of main stress-bearing structural parts
		O	Parts list, parts certificate, quality certification documents
		P	List of safety protection devices, certificate of conformity, quality certification documents
02	Product Drawing Operation Manual	Q	Product installation, operation and Operation Instructions
		RA	Product drawing
		RB	Elevator Maintenance Manual
		RC	General layout of elevator civil works
		RD	Elevator shaft section
		RE	Electrical schematic
03	Spare parts	S	List of maintenance parts (including spare parts)
		T	List of special tools
04	Others	U	Equipment/material change, replacement order

D06 Special equipment			
Document classification number	**Document category name**	**Document Identification Number**	**Document data name**
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		AF	Qualification documents
		B	Certificate of Conformity
		C	Certificate of material quality
		D	Motor test report
		E	Data Sheet/specification
		F	Copy of nameplate
02	Product Drawing Operation Manual	G	Product installation, operation and Operation Instructions
		H	Product drawing
03	Spare parts	I	List of maintenance parts (including spare parts)
04	Others	J	Equipment/material change, replacement order

D07 Telecommunication equipment			
cument classification num	Document category name	Document Identification Number	Document data name
01	Certificate of product quality	AA	cover
		AB	directory
		AC	Packing list
		AD	Supervision release notice
		AE	Certificate of Origin and Customs Declaration for Imported Equipment
		AF	Qualification documents
		B	Certificate of Conformity
		C	Certificate of material quality(Certification inspection report)
		D	Explosion proof certificate
		E	Test report
		F	Authenticated document
02	System file	A	System topology
		B	system principle diagram
		C	distribution system connection diagram
		D	layout of equipment
		E	bill of materials
		F	Equipment parameter specification
03	Product Drawing Operation Manual	D	Product installation, operation and Operation Instructions