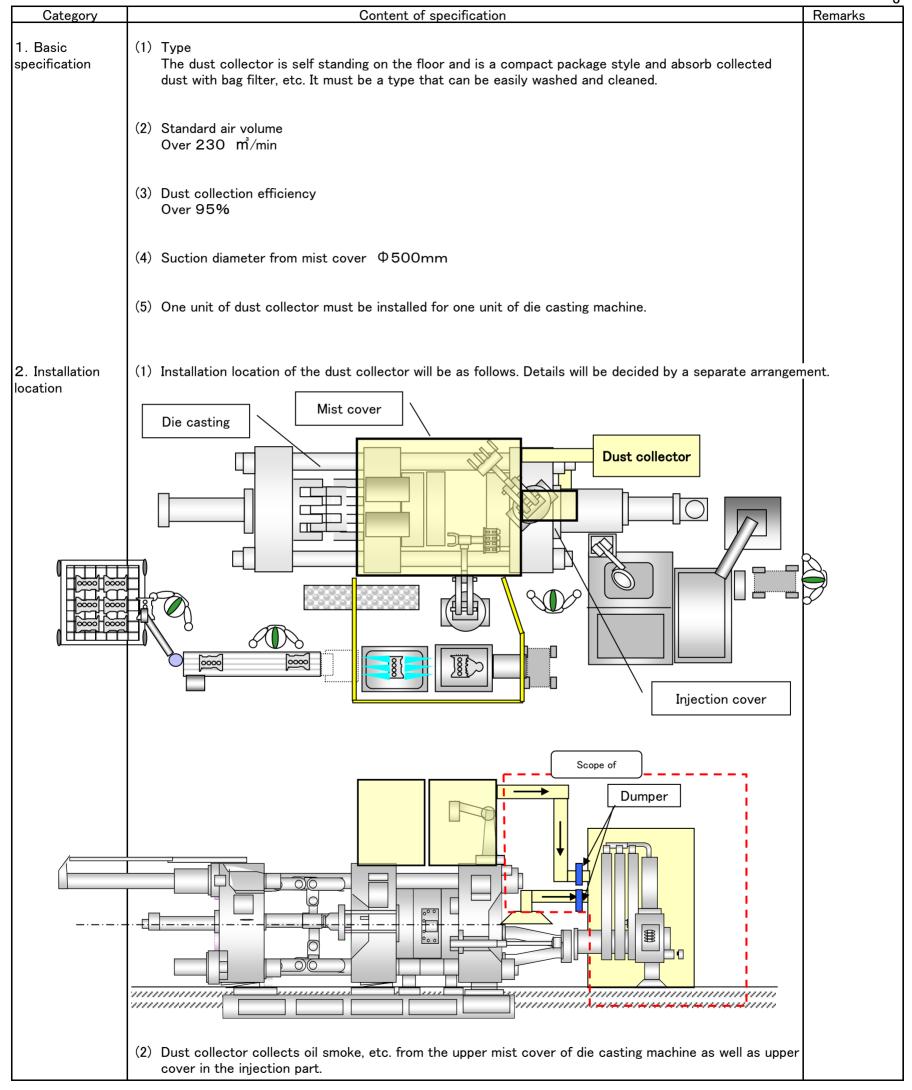
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					Approval	
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						Nakamura
			 			
			1 Now	ly created	16-Apr-12	Y.Nakamura

Category	Content of Specification	Remarks
9. Operation and training of maneuvering	Supplier must give necessary explanation for individual equipment and safety related matters such as maneuvering, operation, and maintenance and give practical guidance and training so that concerned parties can master its operation.	
10. Document for submission	(1) Quotation: 3 copies Details of each item must be clarified in accordance with this specification.	
	Details of equipment main unit, installation work expenses, and SV cost must be clarified.	
	(2) Approval drawing: 3 copies Document embodying the entire quotation conceptual drawing must be submitted. HM must confirm content of approval drawing and return to Supplier with inserted comment.	
	Supplier must execute changes from review in approval drawing and obtain HM's approval after resubmitting the approval drawing.	
	(3) Overall drawing, assembly drawing, electrical circuit diagram, control panel related drawing, process sheet (that clarifies details from ordering to installation completion), etc.	
	(4) Drawings to be always kept inside the control panel shall be kept inside a special transparent folder separate from operation manual.	
	(5) Parts list: 2 copies Lists of equipment in use, parts, consumables, etc.	
	(6) Equipment control manual: 3 copies List of control items, inspection sheet, inspection sheet for starting up operation, emergency contact	
	(7) Document to be submitted to governmental agencies: 1 original copy	
	Certificate and permit as required by laws as well as legally stipulated legal document (HM will investigate domestically required documents in Mexico in advance and notify which documents are required.)	
11. Condition for receiving	(1) Equipment must be delivered and installed in designated location and pass in the sessions attended by Supplier and by HM	
	(2) All the content of equipment specification and minutes of preparatory arrangement must be satisfactorily	met.
	(3) All the document for submission must be prepared and submitted.	
	(4) All the content of equipment receiving report must be consulted and completely addressed by countermeasures.	



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Category	Content of specification	Remarks
3. Safety and maintenance specification	(1) In case a flame is detected inside duct, dumper will close in front of the main unit of the dust collector and fire spread must not reach dust collector	
Specification	(2) The above-mentioned dumper can be handled either automatically or manually.	
	(3) Dust collector must not be automatically activated unless the dumpers in two locations are open.	
	(4) Mechanism other than the above-mentioned is acceptable if the mechanism is provided inside dust collector to prevent fire spread (fire extinguish mechanism using inert gas)	
	(5) The frequency of washing the filter, etc. must be less than once a month and washing must be easy to conduct.	
	(6) Frequency of filter replacement must be once in 3 to 6 months or more and replacement must not be required as long a period as possible.	
	(7) Filter clogging must be confirmable from outside and alarm, display, etc. must enable workers to confir	I m it.
	(8) Noise must be cancelled to less than 85dB in a location 1m away from dust collector.	
	(9) Equipment must be fixed with hole-in-anchor, etc. so that it will not be overturned.	
	(10) The operation of dust collector must stop when lid, etc. is taken off while the inside of dust collector is inspected and investigated. Or, lid etc.must not be removable unless the equipment is stopped.	
	(11) Inside of the duct must be resistant to corrosion and the material must prevent easy adhesion of oil and smoke.	
	(12) Duct must be connected by flange and be easily attachable and removable.	
4. Use environment	(1) In-plant temperature about 15°C~30°C(without A/C equipment and forced air exhaust only)	
	(2) Aluminum die cast plant (Mass production plant with three (3) die casting machines in the future)	
	(3) Production operation of 5 days a week. Shutdown on Saturdays and Sundays basically (about 250 working days annually)	
	(4) Full production for 24 hours from Monday to Friday. Workers take 3-shift structure.	