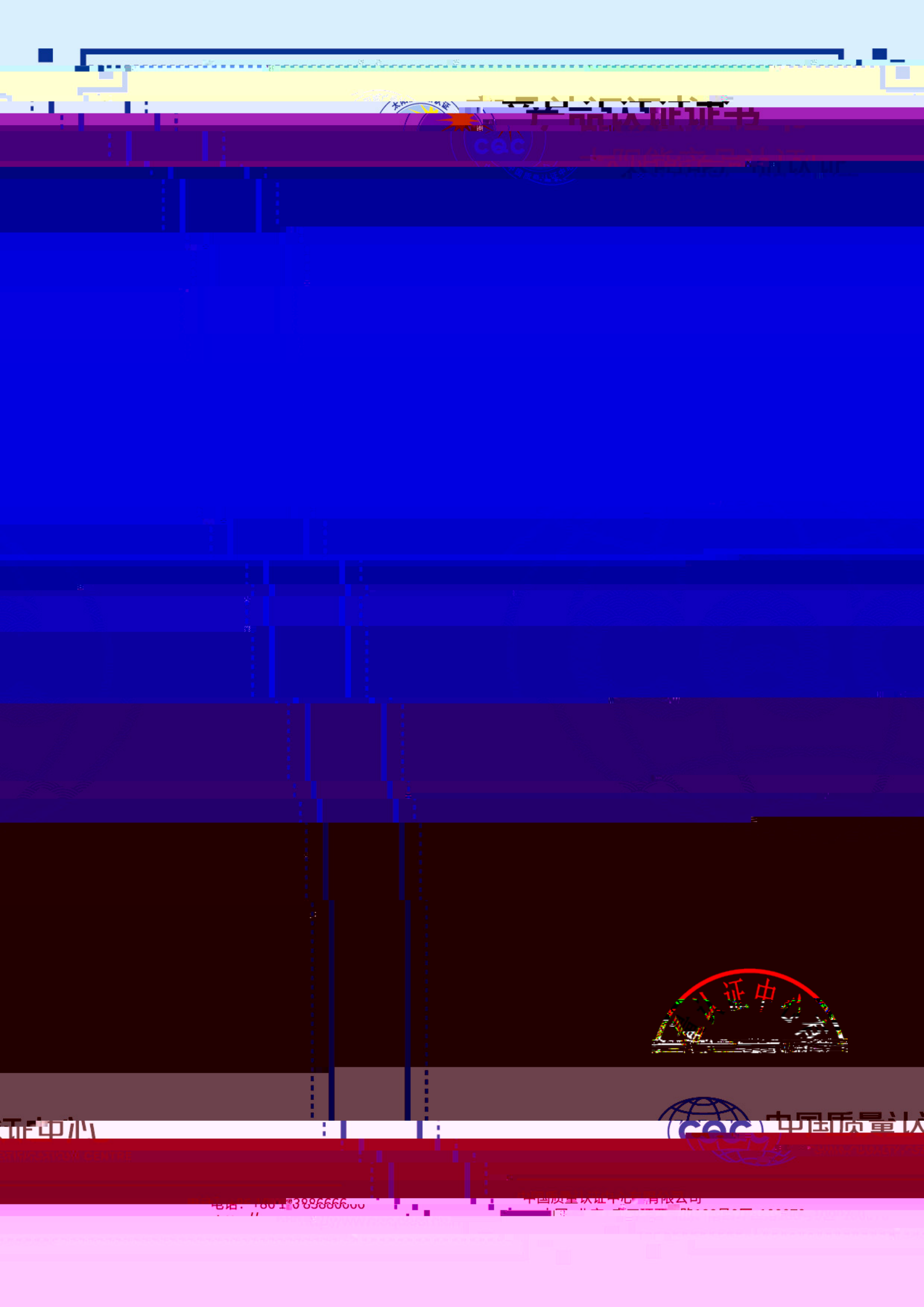

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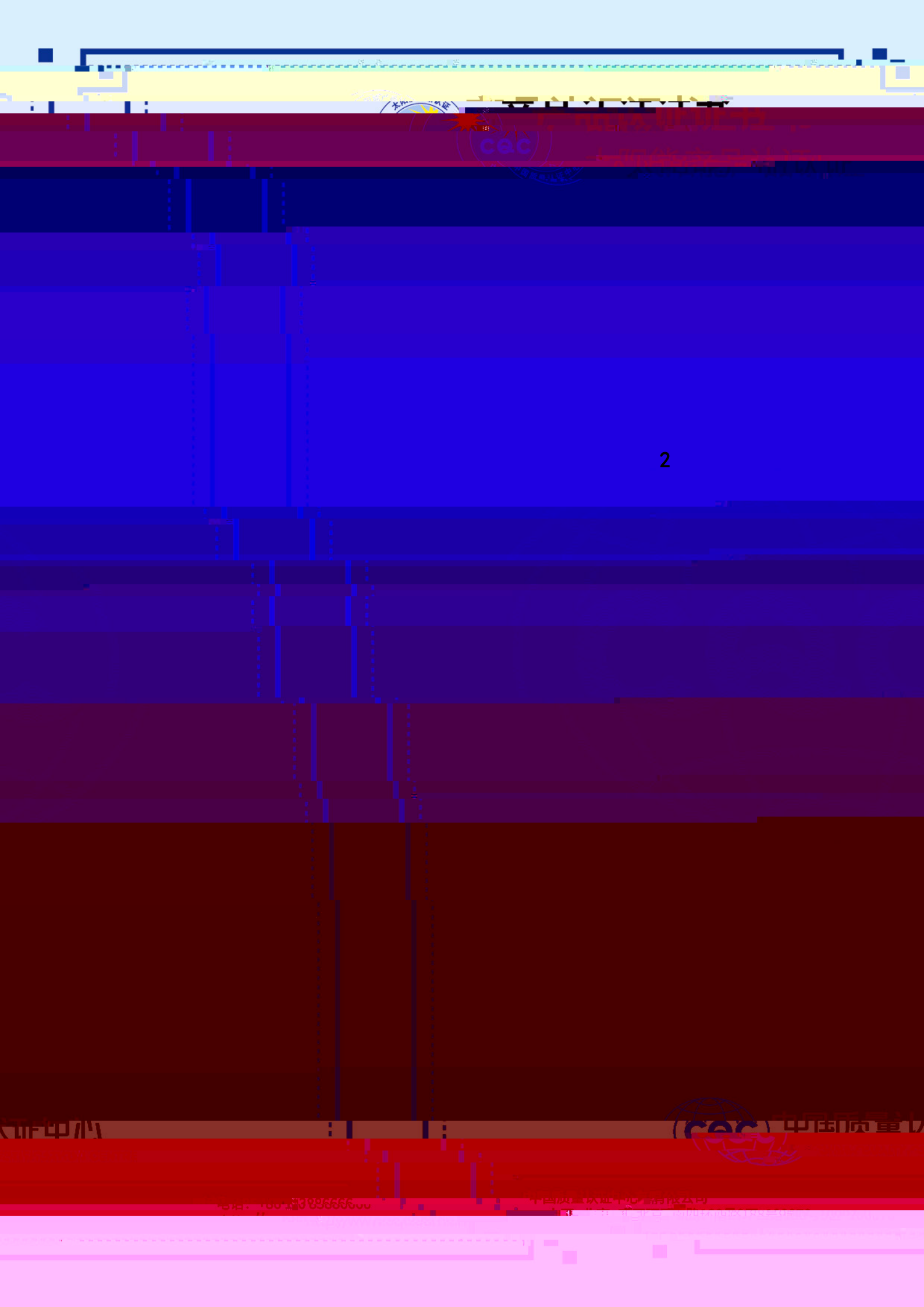
		Voc[V]/ ±3%	Vmp [V]	Isc [A]/ ±3%	Imp [A]	Pmax[W]/ ±3%	[V]	[A]
GK-1-54HTBD-420M	STC	38.11	31.51	14.07	13.33	420	1500	30
	BNPI	38.12	31.51	15.44	14.62	460		
	BSI	—	—	17.21	—	—		
	φ	100±5%	—	80±5%	—	80		



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GK-1-60HTBD-475M	STC	42.54	35.21	14.23	13.49	475	1500	30
	BNPI	42.60	35.33	15.68	14.86	525		
	BSI	—	—	17.45	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-1-60HTBD-480M	STC	42.71	35.38	14.31	13.57	480	1500	30
	BNPI	42.75	35.48	15.76	14.94	530		
	BSI	—	—	17.53	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-1-60HTBD-485M	STC	42.86	35.54	14.39	13.65	485	1500	30
	BNPI	42.88	35.62	15.84	15.02	535		
	BSI	—	—	17.68	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-1-60HTBD-490M	STC	43.02	35.70	14.48	13.73	490	1500	30
	BNPI	43.04	35.74	15.93	15.11	540		

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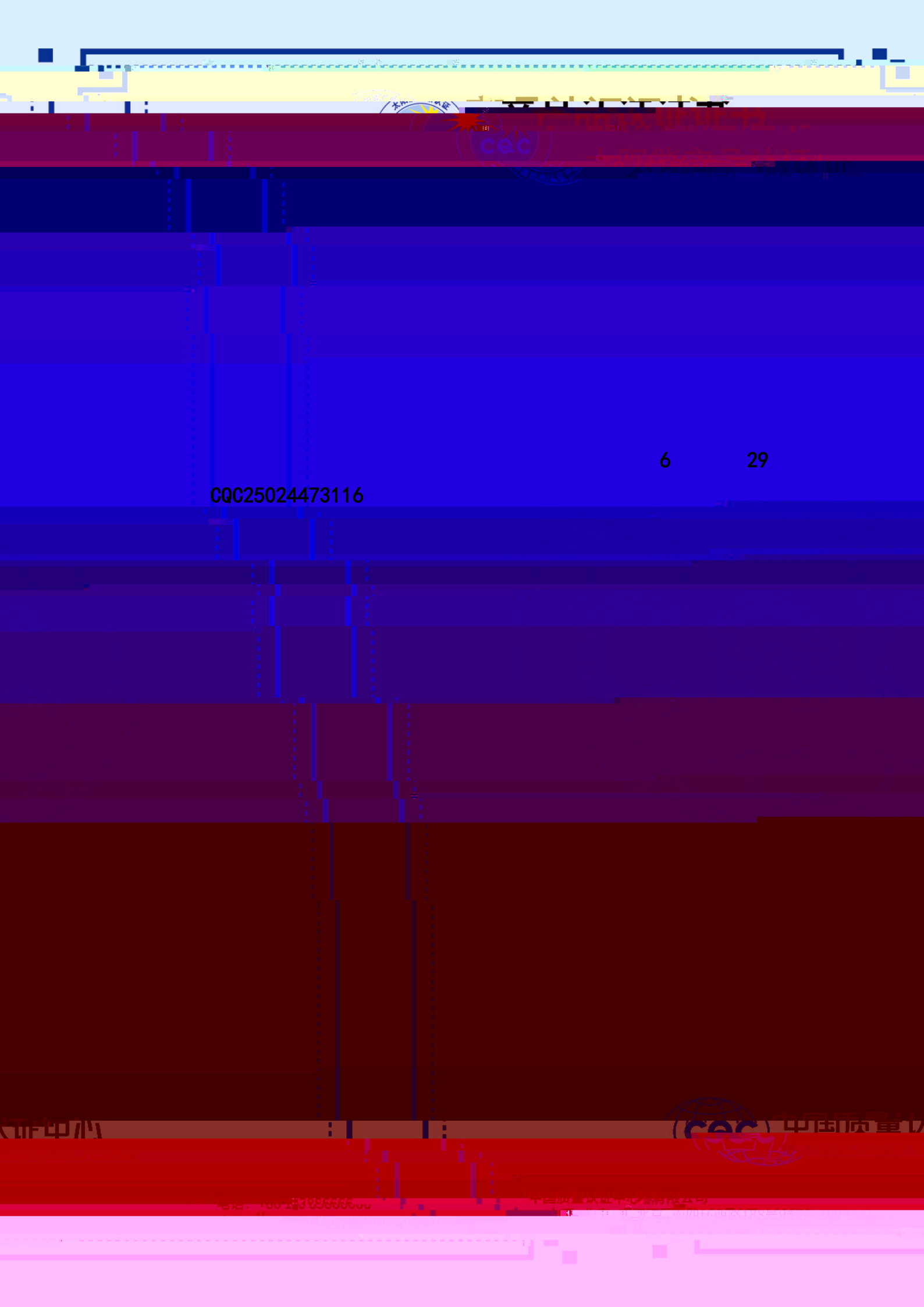
GK-1-60HTBD-495M	BSI	—	—	17.78	—	—	1500	30
	φ	100±5%	—	80±5%	—	80±5%		
	STC	43.18	35.84	14.56	13.81	495		
	BNPI	43.20	35.88	16.01	15.19	545		
	BSI	—	—	17.86	—	—		



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GK-1-72HTBD-580M	BSI	—	—	17.57	—	—	1500	30
	φ	100±5%	—	80±5%	—	80±5%		
	STC	51.47	42.59	14.37	13.62	580		
	BNPI	51.57	42.70	15.82	14.99	640		
	BSI	—	—	17.63	—			

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GK-1-72HTBD-595M	STC	52.07	43.04	14.55	13.83	595	1500	30
	BNPI	52.17	43.07	16.00	15.21	655		
	BSI	—	—	17.87	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-1-72HTBD-600M								

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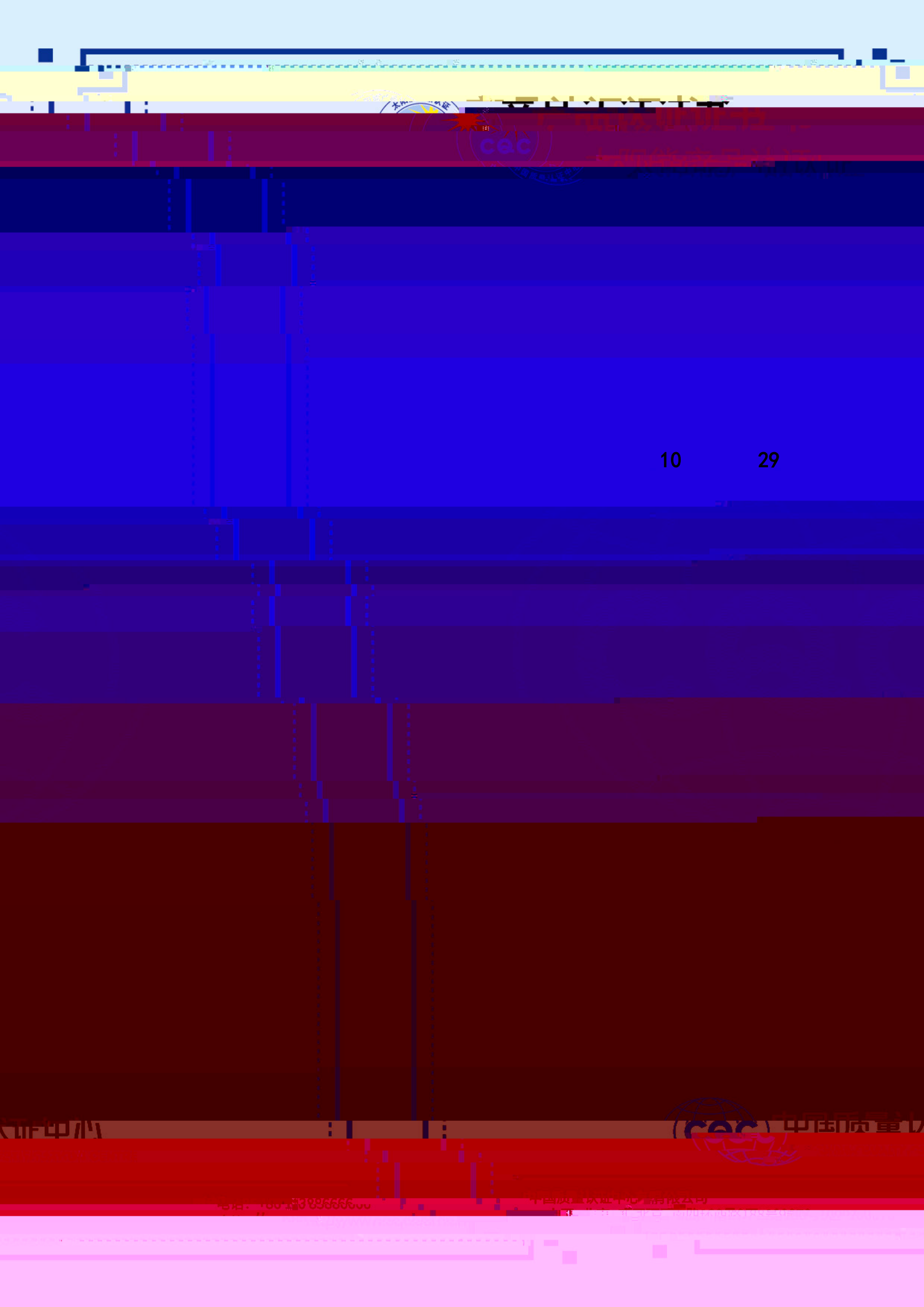
	BSI	—	—	16.74	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-1-78HTBD-615M	STC	56.44	47.15	13.71	13.05	615	1500	30
	BNPI	56.81	47.35	15.08	14.36	680		
	BSI	—	—	16.80	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-1-78HTBD-620M	STC							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	BSI	—	—	17.22	—	—		
	φ	100±5%	—	80±5%	—	80±5%		

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GK-4-48HTBD-425M	STC	34.38	29.00	15.73	14.66	425	1500	35
	BNPI	34.41	29.00	17.37	16.10	465		
	BSI	—	—	19.02	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-48HTBD-430M	STC	34.55	29.18	15.80	14.74	430	1500	35
	BNPI	34.58	29.18	17.44	16.19	470		
	BSI	—	—	19.10	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-48HTBD-435M	STC	34.72	29.36	15.87	14.82	435	1500	35
	BNPI	34.75	29.36	17.51	16.27	475		
	BSI	—	—	19.18	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-48HTBD-440M	STC	34.89	29.54	15.94	14.90	440	1500	35
	BNPI	34.92	29.54	17.58	16.35	480		

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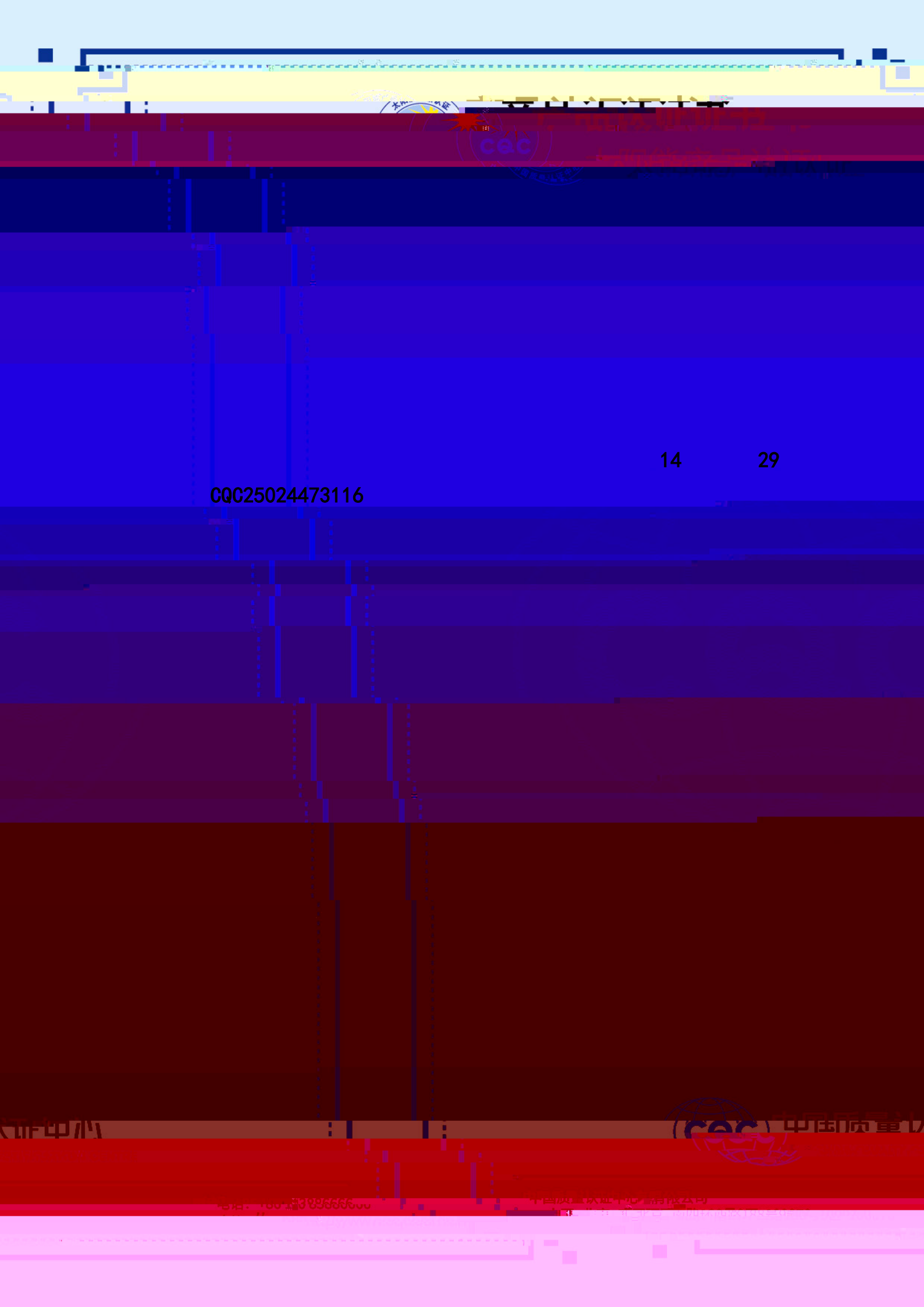
	BSI	—	—	19.26	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-48HTBD-445M	STC	35.06	29.72	16.01	14.98	445	1500	35
	BNPI	35.09	29.72	17.65	16.43	485		
	BSI	—	—	19.34	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-48HTBD-450M	STC	35.23	29.90	16.08	15.05	450	1500	35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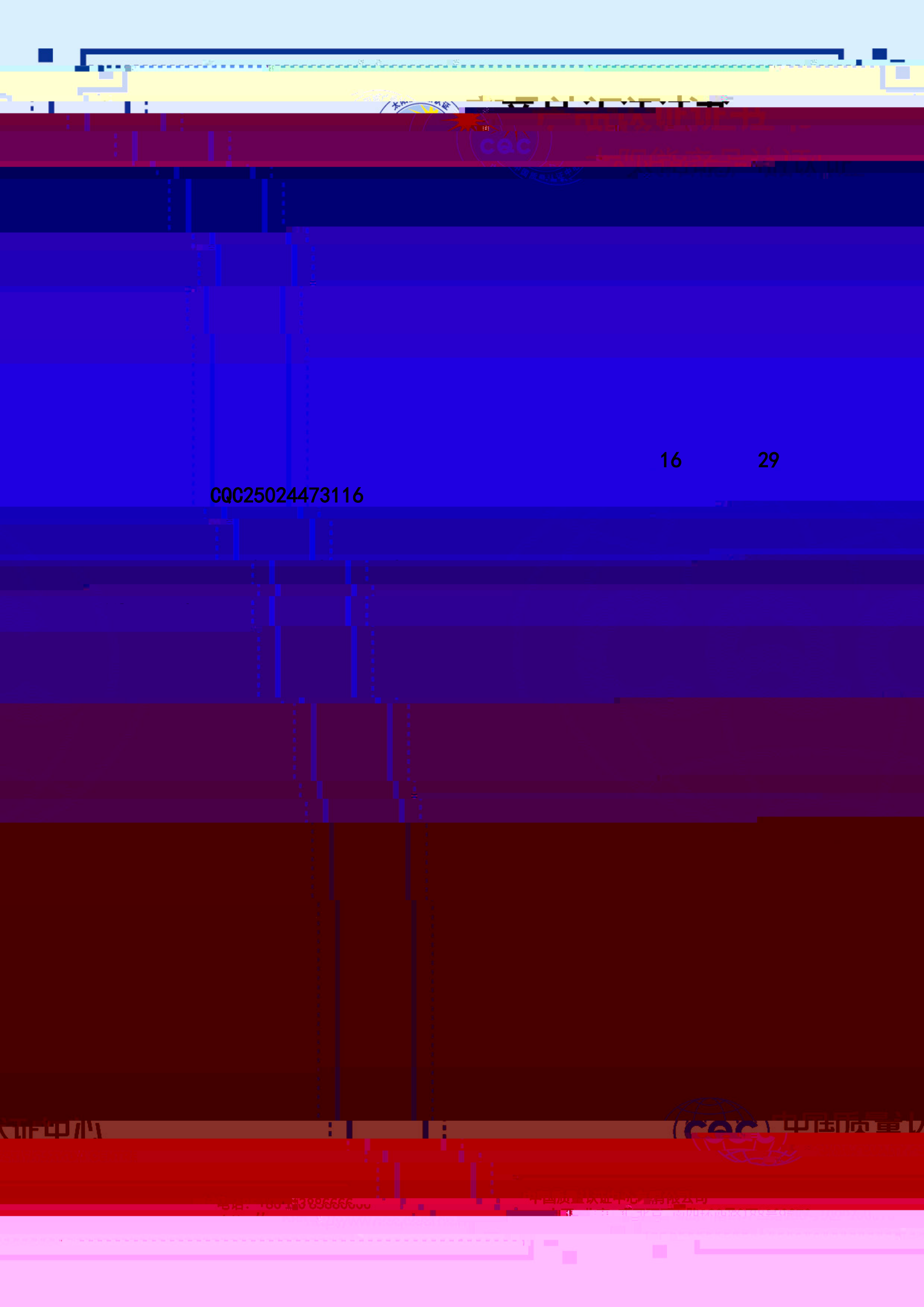
	BSI	—	—	19.22	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-54HTBD-490M	STC	39.61	32.65	15.74	15.01	490	1500	35
	BNPI	39.61	32.65	17.34	16.54	540		
	BSI	—	—	19.27	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-54HTBD-495M	STC	39.81	32.85	15.81	15.07	495	1500	35
	BNPI	39.81	32.85	17.41	16.59	545		
	BSI	—	—	19.32	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-54HTBD-500M	STC	40.02	33.05	15.88	15.13	500	1500	35
	BNPI	40.02	33.05	17.47	16.64	550		
	BSI	—	—	19.37	—	—		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GK-4-66HTBD-590M	BSI	—	—	19.56	—	—	1500	35
	φ	100±5%	—	80±5%	—	80±5%		
	STC	47.32	39.67	15.79	14.88	590		
	BNPI	47.32	39.71	17.37	16.37	650		
	BSI	—	—	19.41	—	—		

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GK-4-66HTBD-605M	STC	47.83	40.09	16.00	15.10	605	1500	
	BNPI	47.83	40.09	17.58	16.59	665		
	BSI	—	—	19.62	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-66HTBD-610M	STC	48.00	40.22	16.07	15.18	610	1500	35
	BNPI							

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	BSI	—	—	20.02	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-66HTBD-625M	STC	48.51	40.63	16.28	15.41	625	1500	35
	BNPI	48.61	40.73	18.05	16.97	690		
	BSI	—	—	20.09	—	—		
	φ	[redacted]	—	80±5%	—	80±5%		
GK-4-66HTBD-630M	STC	48.68	40.73	16.35	15.48	630	1500	35
	BNPI	48.78	40.81	18.12	17.04	695		
	BSI	—	—	20.16	—	—		

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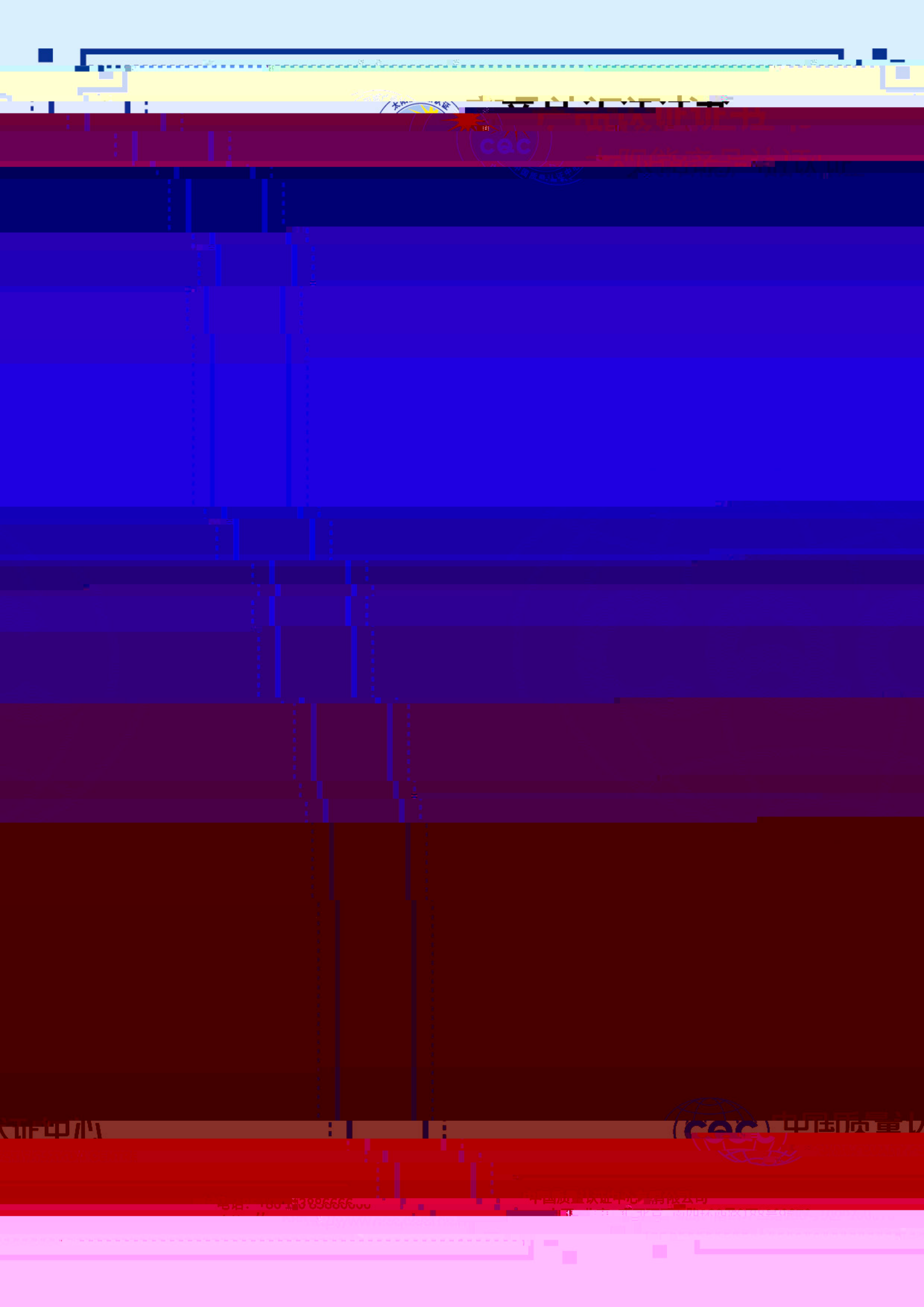
GK-4-66HTBD-640M	STC	49.02	40.98	16.49	15.62	640	1500	35
	BNPI	49.12	41.06	18.26	17.18	705		
	BSI	—	—	20.30	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-2-60HTBD-610M	STC	42.66	36.46	17.83	16.73	610	1500	35
	BNPI	42.75	36.61	19.66	18.44	675		
	BSI	—	—	21.92	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-2-60HTBD-615M	STC	42.84	36.66	17.96	16.78	615	1500	35
	BNPI	42.91	36.78	19.80	18.49	680		
	BSI	—	—	22.06	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-2-60HTBD-620M	STC	43.01	36.88	17.99	16.82	620	1500	35
	BNPI	43.07	36.97	19.82	18.53	685		



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STC	43.72	37.60	18.11	17.02

GK-2-60HTBD-640M

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	BSI	—	—	22.27	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-2-60HTBD-660M	STC	44.44	38.33	18.25	17.22	660	1500	35
	BNPI	44.47	38.33	20.11	18.93	725		
	BSI	—	—	22.31	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-2-60HTBD-665M	STC	44.62	38.51	18.29	17.27	665	1500	35
	BNPI	44.65	38.51	20.15	18.98	730		
	BSI	—	—	22.35	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-2-66HTBD-680M	STC	46.90	40.30	17.96	16.92	680	1500	35
	BNPI	46.95	40.37	19.77	18.62	750		
	BSI	—	—	22.05	—	—		
	φ	100±5%	—	80±5%	—	80±5%		

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	STC	47.10	40.50	17.99	16.95	685		
	BNPI	47.15	40.55	19.80	18.65	755		
GK-2-66HTBD-685M							1500	35

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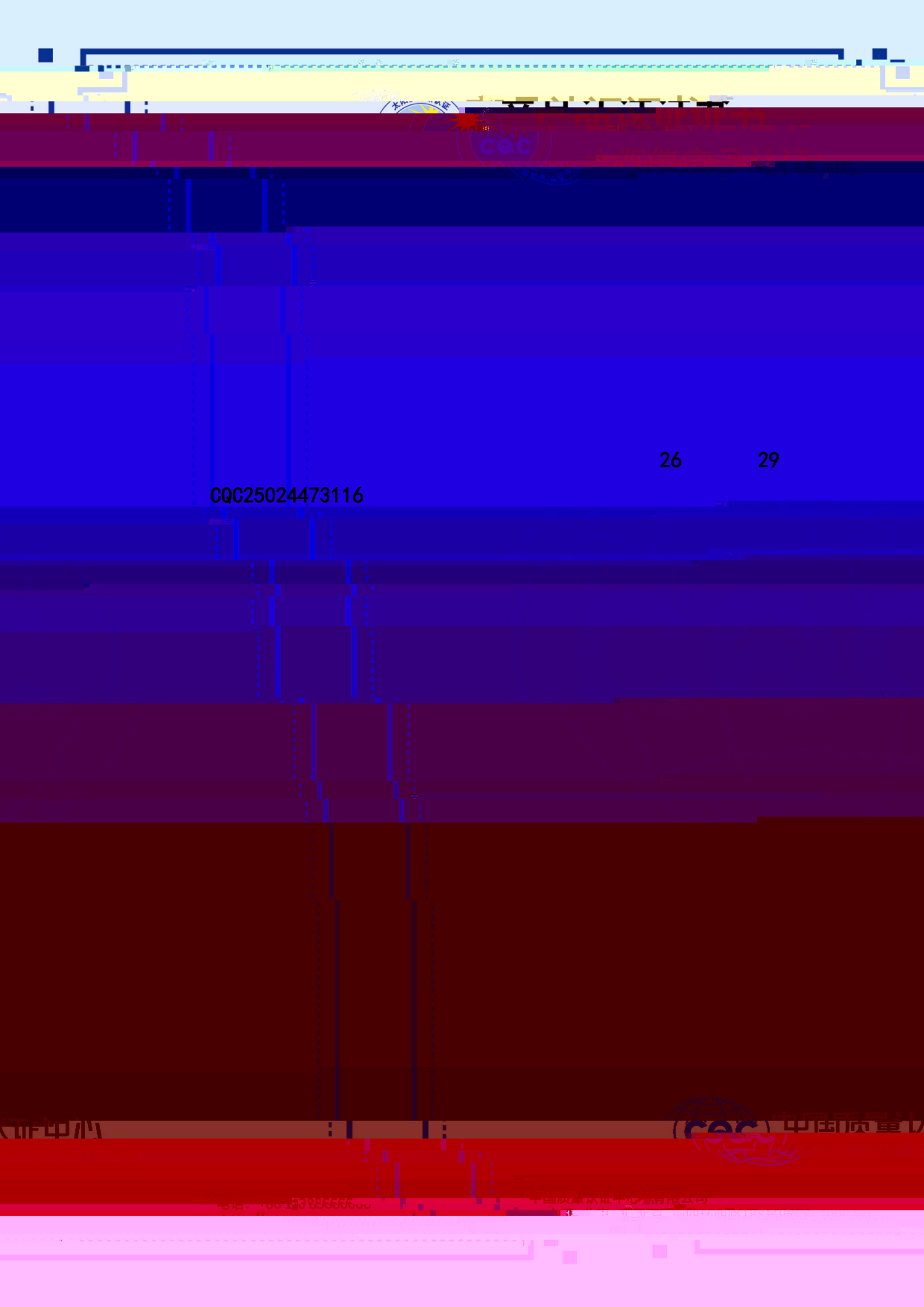
	BSI	—	—	22.21	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-2-66HTBD-705M	STC	48.68	41.29	18.11	17.07	705	1500	35
	BNPI	48.73	41.29	19.92	18.77	775		
	BSI	—	—	22.25	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-2-66HTBD-710M	STC	48.91	41.50	18.15	17.11	710	1500	35
	BNPI	48.94	41.50	19.96	18.81	780		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	BSI	—	—	22.49	—	—		
	φ	100±5%	—	80±5%	—	80±5%		

GK-4-78HTBD-720M

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GK-4-78HTBD-735M	STC	57.22	47.86	16.24	15.36	735	1500	35
	BNPI	57.22	47.88	17.81	16.81	805		
	BSI	—	—	19.72	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-78HTBD-740M	STC	57.37	47.99	16.30	15.42	740	1500	35
	BNPI	57.37	48.01	17.87	16.87	810		
	BSI	—	—	19.78	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-78HTBD-745M	STC	57.52	48.12	16.36	15.48	745	1500	35
	BNPI	57.52	48.14	17.93	16.93	815		
	BSI	—	—	19.84	—	—		
	φ	100±5%	—	80±5%	—	80±5%		
GK-4-78HTBD-750M	STC	57.67	48.25	16.42	15.54	750	1500	35

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	BSI	—	—	19.90	—	—		
	φ	100±5%	—	80±5%	—	80±5%		