**ANNEXURE - V** 

### Form No. MGT-9

### **EXTRACT OF ANNUAL RETURN**

as on the financial year ended on 31st March, 2019 [Pursuant to section 92(3) of the Companies Act, 2013 and rule 12(1) of the Companies (Management and Administration) Rules, 2014]

### I. REGISTRATION AND OTHER DETAILS

			_
i)	CIN	:	L31402WB1947PLC014919
ii)	Registration Date	:	31st January 1947
iii)	Name of the Company	:	Exide Industries Limited
iv)	Category/Sub-Category of the Company	:	Public Company Limited by Shares
v)	Address of the Registered office and contact details	:	Exide Industries Limited Exide House, 59 E Chowringhee Road, Kolkata 700020
vi)	Whether listed company Yes/No	:	Yes
vii)	Name, Address and Contact details of Registrar and Transfer Agent, if any	:	C B Management Services (P) Ltd. P-22, Bondel Road, Kolkata 700019, West Bengal , India Ph: +913340116700/6729 Fax: +913340116739 email: rta@cbmsl.com, Website: www.cbmsl.com

### II. PRINCIPAL BUSINESS ACTIVITIES OF THE COMPANY

All the business activities contributing 10% or more of the total turnover of the company shall be stated:

SI.	Name and Description of main products/ services	NIC Code of the Product/	% total turnover
No	) <b>.</b>	Service	of the Company
1	Storage Battery	27202	99%

### III. PARTICULARS OF HOLDING, SUBSIDIARY AND ASSOCIATE COMPANIES

SI. No.	Name and Address of the Company	CIN/GLN	Holding/ Subsidiaries/ Associate	% of shares held	Applicable Section
1	Chloride Power Systems and Solutions Ltd. Exide House,59E Chowringhee Road, Kolkata 700 020	U31100WB1980PLC032796	Subsidiary	100%	Section 2(87)(ii)
2	Chloride Metals Ltd. Exide House,59E Chowringhee Road, Kolkata 700 020	U34300WB1998PLC181003	Subsidiary	100%	Section 2(87)(ii)
3	Exide Life Insurance Company Ltd. No. 3/1, 3rd floor, JP techno Park, Millers road, Bangalore - 560001	U66010KA2000PLC028273	Subsidiary	100%	Section 2(87)(ii)
4	Chloride International Ltd. Exide House,59E Chowringhee Road, Kolkata 700 020	U31402WB1947PLC014918	Subsidiary	100%	Section 2(87)(ii)
5	Exide Leclanche Energy Private Ltd. Plot No. 10/1, Kamalpur, NH No.8, Prantij, District: Sabarkantha, Gujarat, India, 383205	U74999GJ2018PTC104468	Subsidiary	74.99%	Section 2(87)(ii)

SI. No.	Name and Address of the Company	CIN/GLN	Holding/ Subsidiaries/ Associate	% of shares held	Applicable Section
6	Chloride Batteries S.E Asia Pte. Ltd. 106 Neythal Road Singapore 628594	N.A.	Subsidiary	100%	Section 2(87)(ii)
7	Associated Battery Manufactures (Ceylon) Ltd. 481, T.B Jayah Mawatha Colombo 10	N.A.	Subsidiary	61.50%	Section 2(87)(ii)
8	Espex Batteries Ltd. Fairway House, Link Business Park, Street Mellons, Cardiff, South Glamorgam CF3 0LT	N.A.	Subsidiary	100%	Section 2(87)(ii)

## IV. SHAREHOLDING PATTERN (Equity Share Capital Break up as Percentage of Total Equity)

### i) Category-wise Shareholding

Category of Shareholders	No. of Shares held at the beginning of the Year (As on 1st April 2018)				No. of Shares held at the end of the Year (As on 31st March 2019)				% Change
	Demat	Physical	Total	% of Total Shares	Demat	Physical	Total	% of Total Shares	during the year
A. Promoters									
(1) Indian									
(a) Individual / HUF	-	-	-	-	-	-	-	-	
(b) Central Govt	-	-	-	-	-	-	-	-	
(c) State Govt(s)		-	-	_	_	-	-	-	
(d) Bodies Corporate	-	-	-	-	-	-	-	-	
(e) Banks/FI	-	-	-	-	-	-	-	-	
(f) Any Other		-	-	_	_	-	-	-	
Sub Total (A) (1)-	-	-	-	-	-	-	-	-	
(2) Foreign	-	-	-	-	-	-	-	-	
(a) NRIs - Individuals		-	-	_	_	-	-	-	
(b) Other - Individuals	-	-	-	-	-	-	-	-	
(c) Bodies Corporate	39,09,54,666	- 39,0	9,54,666	45.99	39,09,54,666	- 39	,09,54,666	45.99	
(d) Banks/ FI		-	-	_	_	-	-	-	
(e) Any Other	-	-	-	-	-	-	-	-	
Sub - total (A) (2):-	39,09,54,666	- 39,0	9,54,666	45.99	39,09,54,666	- 39	,09,54,666	45.99	
Total shareholding of Promoter (A) = (A)(1) + (A)(2)	39,09,54,666	- 39,0	9,54,666	45.99	39,09,54,666	- 39,	09,54,666	45.99	

Category of Shareholders	beginnii	No. of Shares ng of the Year	s held at the (As on 1st April 2	2018)		No. of Shares held at the end of the Year (As on 31st March 2019)			
	Demat	Physical	Total	% of Total Shares		Physical	Total	% of Total Shares	during the year
B. Public									
Shareholding(s)									
1. Institutions									
a) Mutual Funds	12,15,00,291		12,15,00,291	14.29	15,40,20,435	_	15,40,20,435	18.12	3.83
b) Banks/FI	3,00,615		6,62,038	0.08	15,05,677	3,59,503	18,65,180	0.22	0.14
c) Central Govt			21,653	0.00	21,653	-	21,653	0.00	0.00
d )State Govt			-			_	-		
e) Venture Capital Funds	-	-	-	-	-	-	-		
f) Insurance Companies	4,31,55,239	-	4,31,55,239	5.08	4,01,91,687	-	4,01,91,687	4.73	-0.35
g) Flls	2,69,99,543	-	2,69,99,543	3.18	2,00,368	-	2,00,368	0.02	-3.15
h) Foreign Venture Capital Funds	-	-	-	-	-	-	-		
i) Others (specify)	-	-	-	-	-	-	-	-	
Sub-total (B)(1):-	19,19,55,688	3,83,076	19,23,38,764	22.63	19,59,39,820	3,59,503	19,62,99,323	23.09	0.47
B2.Non- Institutions									
a) Bodies Corp.									
i) Indian	6,64,77,393	1,48,764	6,66,26,157	7.84	7,22,97,618	1,36,704	7,24,34,322	8.52	0.68
ii) Overseas	-	-	-	-	_	-	-		-
b) Individuals									
i) Individual shareholders holding nominal share capital upto Rs. 1 lakh	6,26,77,333	1,05,04,994	7,31,82,327	8.61	6,36,77,967	87,09,415	7,23,87,382	8.52	-0.09
ii) Individual shareholders holding nominal share capital in excess of Rs. 1 lakh	2,03,02,156	4,14,080	2,07,16,236	2.44	1,43,30,160	4,14,080	1,47,44,240	1.73	-0.70
c) Others (specify)	25.25.242	0.54.004	07.50.074		24.05.000	4 44 077	0007700		
NRI	35,05,043		37,59,674	0.44	34,85,806	1,41,977	36,27,783	0.43	-0.02
Clearing Member OCB	15,40,016		15,40,016	0.18	23,32,691	-	23,32,691	0.27	0.09
Trust	30,62,641	-	30,62,641	0.36	25,25,919	-	25,25,919	0.30	-0.06
Foreigh Portfolio Investor	9,01,61,762		9,01,61,762	10.61	8,43,73,648	-	8,43,73,648	9.93	-0.68
Foreign National	1,510	75,000	76,510	0.01	3,485	75,000	78,485	0.01	0.00
Alternate Investment Fund	40,99,609		40,99,609	0.48		-	64,10,245	0.75	0.27
Custodian of enemy property	23,040	-	23,040	0.00	-	=	-	-	
IEPF	34,58,598	-	34,58,598	0.41	38,31,296	-	38,31,296	0.45	0.04
Sub-total(B)(2):-			26,67,06,570		25,32,68,835	94,77,176		30.91	-0.47
Total Public Shareholding (B) = (B)(1) + (B)(2)			45,90,45,334		44,92,08,655			54.01	0.00
Total (A) + (B)	83,82,19,455	1,17,80,545	85,00,00,000	100.00	84,01,63,321	98,36,679	85,00,00,000	100.00	0.00
C. Shares held by Custodian for GDRs	-	-	-	-	-	-	-	-	
& ADRs	02 02 40 455	4 47 80 545	9E 00 00 000	400.00	94.04.03.334	00 20 070	9E 00 00 000	100.00	
Grand Total (A+B+C)	83,82,19,455	1,17,80,545	85,00,00,000	100.00	84,01,63,321	98,36,679	85,00,00,000	100.00	0.00

### ii) Shareholding of Promoters

### Shareholding at the beginning Shareholding at the end of the year (As on 01.04.2018) of the year (As on 31.03.2019) Shareholder's No of Shares % of total SI. Shareholder's No of Shares % of total % of shares % of shares No. Name shares of Pledged/ Name shares of Pledged/ encumbered Company encumbered Company to total to total shares shares Chloride Eastern Ltd. 39,09,54,666 45.99 NIL Chloride Eastern Ltd. 39,09,54,666 45.99 NIL 39,09,54,666 39,09,54,666 Total 45.99 NIL 45.99 NIL

### iii) Change in Promoters' Shareholding (please specify, if there is no change):

SI. No.		Shareholding at of the year (As o		Cumulative Shareholding during the year		
		No of Shares	% of total shares of the company	No of Shares	% of total shares of the company	
1	Chloride Eastern Ltd.					
	At the beginning of the year	39,09,54,666	45.99	39,09,54,666	45.99	
	Datewise Increase/ Decrease in Promoters Shareholding during the year specifying the reasons for increase/decrease (e.g. allotment/ transfer/ bonus/ sweat equity etc):	There was no incre Promoter Shareholdi		-	_	
	At the End of the year (31.03.2019)	39,09,54,666	45.99	39,09,54,666	45.99	

# iv) Shareholding Pattern of Top Ten Shareholders (Other than Directors, Promoters & Holders of GDRs and ADRS)

SI. No.	Name of the top 10 Shareholder of the Company	Date of event	Buy / Sale	Shareholding a of the year (		Cumulative S during t	_
	(As on 31.03.2019)			No. of Shares	% of total shares of the Company	No. of Shares	% of total shares of the Company
1	Hathway Investments Ltd						
(a)	At the beginning of the year	1-Apr-2018	-	3,67,52,730	4.32	-	-
(b)	Changes during the year			No changes of	during the year		
(c)	At the end of the year	31-Mar-2019	-	-	_	3,67,52,730	4.32
2	Government Pension Fund Global						
(a)	At the beginning of the year	1-Apr-2018	-	2,64,60,182	3.11	-	-
(b)	Changes during the year	13-Apr-2018	Sale	12,03,050	0.14	2,52,57,132	2.97
		20-Apr-2018	Sale	1,65,875	0.02	2,50,91,257	2.95
		11-May-2018	Sale	10,70,753	0.13	2,40,20,504	2.83
		18-May-2018	Sale	1,57,097	0.02	2,38,63,407	2.81
		1-Jun-2018	Sale	9,34,100	0.11	2,29,29,307	2.70
		8-Jun-2018	Sale	9,34,100	0.11	2,19,95,207	2.59
		22-Jun-2018	Sale	2,01,928	0.02	2,17,93,279	2.56
		29-Jun-2018	Sale	7,47,100	0.09	2,10,46,179	2.48
		6-Jul-2018	Sale	3,81,635	0.04	2,06,64,544	2.43
		13-Jul-2018	Sale	7,61,816	0.09	1,99,02,728	2.34
		20-Jul-2018	Sale	1,68,415	0.02	1,97,34,313	2.32
		26-Jul-2018	Sale	4,71,954	0.06	1,92,62,359	2.27

SI. No.	Name of the top 10 Shareholder of the Company	Date of event	Buy / Sale	Shareholding at of the year (		Cumulative S during t	•
	(As on 31.03.2019)			No. of Shares	% of total shares of the Company	No. of Shares	% of total shares of the Company
		27-Jul-2018	Sale	51,808	0.01	1,92,10,551	2.26
		3-Aug-2018	Sale	13,34,187	0.16	1,78,76,364	2.10
		15-Feb-2019	Sale	28,01,545	0.33	1,50,74,819	1.77
		22-Feb-2019	Sale	30,41,863	0.36	1,20,32,956	1.42
(c)	At the end of the year	31-Mar-2019	_	_	_	1,20,32,956	1.42
3	ICICI Prudendial Discovery Fund						
(a)	At the beginning of the year	1-Apr-2018	_	1,89,89,540	2.23	_	-
(b)	Changes during the year			No changes of	luring the year		
(c)	At the end of the year	31-Mar-2019	_			1,89,89,540	2.23
4	HDFC Trustee Company Ltd - A/C HDFC Mid Cap Opportunities Fund						
(a)	At the beginning of the year	1-Apr-2018	_	1,82,25,000	2.14	_	-
(b)	Changes during the year	13-Apr-2018	Buy	8,10,000	0.10	1,90,35,000	2.24
		20-Apr-2018	Buy	6,00,000	0.07	1,96,35,000	2.31
		27-Apr-2018	Buy	1,00,000	0.01	1,97,35,000	2.32
(c)	At the end of the year	31-Mar-2019	-	-	-	1,97,35,000	2.32
5	The New India Assurance						
	Company Limited						
(a)	At the beginning of the year	1-Apr-2018	-	1,59,27,234	1.87	-	-
(b)	Changes during the year	20-Apr-2018	Sale	2,25,000	0.03	1,57,02,234	1.85
		27-Apr-2018	Sale	2,26,254	0.03	1,54,75,980	1.82
		4-May-2018	Sale	73,746	0.01	1,54,02,234	1.81
		11-May-2018	Sale	75,000	0.01	1,53,27,234	1.80
		18-May-2018	Sale	1,60,000	0.02	1,51,67,234	1.78
		25-May-2018	Sale	82,185	0.01	1,50,85,049	1.77
		1-Jun-2018	Sale	7,815	0.00	1,50,77,234	1.77
		15-Jun-2018	Sale	10,00,000	0.12	1,40,77,234	1.66
		7-Sep-2018	Sale	60,000	0.01	1,40,17,234	1.65
		5-Oct-2018	Sale	70,000	0.01	1,39,47,234	1.64
		19-Oct-2018	Sale	4,54,057	0.05	1,34,93,177	1.59
		26-Oct-2018	Sale	3,54,066	0.04	1,31,39,111	1.55
		23-Nov-2018	Sale	25,000	0.00	1,31,14,111	1.54
		30-Nov-2018	Sale	75,000	0.01	1,30,39,111	1.53
		21-Dec-2018	Sale	2,25,000	0.03	1,28,14,111	1.51
		28-Dec-2018	Sale	75,000	0.01	1,27,39,111	1.50
		15-Feb-2019	Buy	3,00,000	0.04	1,30,39,111	1.53
		22-Feb-2019	Buy	2,00,000	0.02	1,32,39,111	1.56
(c)	At the end of the year	31-Mar-2019	-	-	-	1,32,39,111	1.56
6	Life Insurance Corporation of India*						
(a)	At the beginning of the year	1-Apr-2018	-	1,55,66,143	1.83	-	-
(b)	Changes during the year	15-Mar-2019	Buy	5,12,723	0.06	1,60,78,866	1.89
		22-Mar-2019	Buy	4,76,074	0.06	1,65,54,940	1.95
		29-Mar-2019	Buy	7,64,322	0.09	1,73,19,262	2.04
(c)	At the end of the year	31-Mar-2019		_	_	1,73,19,262	2.04

<sup>\*</sup>Note: Upon receipt of declaration from Life Insurance Corporation of India (LIC), various schemes of LIC having common PAN have been clubbed

SI. No.	Name of the top 10 Shareholder of the Company	Date of event	Buy / Sale	Shareholding at of the year (		Cumulative S during t	•
	(As on 31.03.2019)			No. of Shares	% of total shares of the Company	No. of Shares	% of total shares of the Company
7	DSP Blackrock Small and Mid Cap Fund**						
(a)	At the beginning of the year	1-Apr-2018		1,15,44,780	1.36	-	-
(b)	Changes during the year	9-Nov-2018	Sale	2,20,867	0.03	1,13,23,913	1.33
		16-Nov-2018	Sale	16,27,998	0.19	96,95,915	1.14
		23-Nov-2018	Sale	2,78,720	0.03	94,17,195	1.11
		15-Feb-2019	Buy	6,51,767	0.08	1,00,68,962	1.18
(c)	At the end of the year	31-Mar-2019	-	-	-	1,00,68,962	1.18
8	BARON EMERGING MARKETS FUND						
(a)	At the beginning of the year	1-Apr-2018	-	1,12,95,397	1.33	-	-
(b)	Changes during the year	20-Apr-2018	Buy	3,50,000	0.04	1,16,45,397	1.37
		4-May-2018	Buy	5,41,453	0.06	1,21,86,850	1.43
		11-May-2018	Buy	22,00,000	0.26	1,43,86,850	1.69
		24-May-2018	Buy	4,50,000	0.05	1,48,36,850	1.75
		31-May-2018	Buy	1,74,107	0.02	1,50,10,957	1.77
		23-Nov-2018	Sale	3,43,543	0.04	1,46,67,414	1.73
		30-Nov-2018	Sale	1,49,953	0.02	1,45,17,461	1.71
		4-Jan-2019	Sale	4,05,000	0.05	1,41,12,461	1.66
		11-Jan-2019	Sale	3,25,435	0.04	1,37,87,026	1.62
		18-Jan-2019	Sale	2,00,796	0.02	1,35,86,230	1.60
		25-Jan-2019	Sale	6,19,888	0.07	1,29,66,342	1.53
		1-Feb-2019	Sale	2,50,618	0.03	1,27,15,724	1.50
		8-Feb-2019	Sale	19,83,961	0.23	1,07,31,763	1.26
		15-Feb-2019	Sale	1,10,352	0.01	1,06,21,411	1.25
(c)	At the end of the year	31-Mar-2019				1,06,21,411	1.25
9	HDFC Standard Life Insurance Company Limited	i					
(a)	At the beginning of the year	1-Apr-2018	-	92,81,997	1.09	-	-
(b)	Changes during the year	6-Apr-2018	Buy	2,00,000	0.02	94,81,997	1.12
		20-Apr-2018	Sale	1,24,681	0.01	93,57,316	1.10
		27-Apr-2018	Sale	1,17,177	0.01	92,40,139	1.09
		4-May-2018	Sale	39,062	0.00	92,01,077	1.08
		11-May-2018	Sale	1,75,000	0.02	90,26,077	1.06
		18-May-2018	Sale	2,00,000	0.02	88,26,077	1.04
		1-Jun-2018	Sale	2,18,578	0.03	86,07,499	1.01
		15-Jun-2018	Sale	820	0.00	86,06,679	1.01
		22-Jun-2018	Sale	1,13,000	0.01	84,93,679	1.00
		29-Jun-2018	Buy	2,66,490	0.03	87,60,169	1.03
		6-Jul-2018	Buy	1,577	0.00	87,61,746	1.03
		20-Jul-2018	Sale	37,784	0.00	87,23,962	1.03
		26-Jul-2018	Sale	70,000	0.01	86,53,962	1.02
		3-Aug-2018	Buy	2,29,415	0.03	88,83,377	1.05
		10-Aug-2018	Buy	1,26,618	0.01	90,09,995	1.06
		17-Aug-2018	Sale	35,194	0.00	89,74,801	1.06
		24-Aug-2018	Sale	68,968	0.01	89,05,833	1.05
		31-Aug-2018	Sale	1,140	0.00	89,04,693	1.05

SI. No.	,	Date of event	Buy / Sale	Shareholding at of the year (		Cumulative S during t	
	(As on 31.03.2019)			No. of Shares	% of total shares of the Company	No. of Shares	% of total shares of the Company
		7-Sep-2018	Buy	50,000	0.01	89,54,693	1.05
		14-Sep-2018	Buy	25,000	0.00	89,79,693	1.06
		28-Sep-2018	Buy	5,50,664	0.06	95,30,357	1.12
		5-Oct-2018	Buy	1,25,363	0.01	96,55,720	1.14
		12-Oct-2018	Buy	1,73,412	0.02	98,29,132	1.16
		19-Oct-2018	Buy	4,095	0.00	98,33,227	1.16
		26-Oct-2018	Buy	67,839	0.01	99,01,066	1.16
		2-Nov-2018	Buy	685	0.00	99,01,751	1.16
		9-Nov-2018	Buy	1,29,163	0.02	1,00,30,914	1.18
		16-Nov-2018	Buy	14,599	0.00	1,00,45,513	1.18
		23-Nov-2018	Buy	58,117	0.01	1,01,03,630	1.19
		30-Nov-2018	Buy	53,112	0.01	1,01,56,742	1.19
		7-Dec-2018	Buy	664	0.00	1,01,57,406	1.19
		14-Dec-2018	Buy	25,197	0.00	1,01,82,603	1.20
		21-Dec-2018	Buy	49	0.00	1,01,82,652	1.20
		28-Dec-2018	Buy	1,00,026	0.01	1,02,82,678	1.21
		4-Jan-2019	Buy	190	0.00	1,02,82,868	1.21
		11-Jan-2019	Sale	1,588	0.00	1,02,81,280	1.21
		18-Jan-2019	Buy	64	0.00	1,02,81,344	1.21
		25-Jan-2019	Buy	3,00,027	0.04	1,05,81,371	1.24
		1-Feb-2019	Buy	3,39,928	0.04	1,09,21,299	1.28
		8-Feb-2019	Buy	35,428	0.00	1,09,56,727	1.29
		15-Feb-2019	Buy	95,214	0.01	1,10,51,941	1.30
		22-Feb-2019	Buy	96,495	0.01	1,11,48,436	1.31
		1-Mar-2019	Buy	3,638	0.00	1,11,52,074	1.31
		8-Mar-2019	Buy	56	0.00	1,11,52,130	1.31
		15-Mar-2019	Buy	127	0.00	1,11,52,257	1.31
		29-Mar-2019	Buy	39	0.00	1,11,52,296	1.31
(c)	At the end of the year	31-Mar-2019	-	-	-	1,11,52,296	1.31
10	ICICI PRUDENTIAL LIFE INSURANCE COMPANY LIMITED						
(a)	At the beginning of the year	1-Apr-2018	-	90,96,002	1.07	_	-
(b)	Changes during the year	4-May-2018	Buy	1,204	0.00	90,97,206	1.07
		1-Jun-2018	Buy	18,625	0.00	91,15,831	1.07
		7-Dec-2018	Sale	8,096	0.00	91,07,735	1.07
(c)	At the end of the year	31-Mar-2019	-	_	-	91,07,735	1.07

<sup>\*\*</sup> Opening of the year the balance of the shares appeared in the name was DSP Blackrock Midcap Fund but at the end the of the year the shares are standing in the name of DSP MIDCAP Fund.

### v) Shareholding of Directors and Key Managerial Personnel:

For Each of the Directors and KMP			Name of Dire	ctors / KMPs		
	Gautam Chatterjee	Subir Chakraborty	A K Mukherjee	Arun Mittal	Mona N Desai	Sudhir Chand
At the beginning of the year	10,000	1,106	1,000	1,152	78,666	18,872
Datewise Increase/ Decrease in Shareholding during the year specifying the reasons for increase/ decrease (e.g. allotment/ transfer/ bonus/ sweat equity etc):	NIL	NIL	NIL	NIL	NIL	NIL
At the end of the year	10,000	1,106	1,000	1,152	78,666	18,872

 $<sup>^{\</sup>ast}$  None of the other Directors /Key Managerial Personnel hold any shares in the Company

### V) STATEMENT FOR INDEBTEDNESS AS ON 31.03.2019

	Secured Loans excluding deposit	Unsecured Loans excluding deposit	Total Indebtedness
Indebtedness at the beginning of the Financial Year 2018-19			
(i) Principal Amount			
(ii) Interest due but not paid			
(iii) Interest accrued but not due			
Total(i+ii+iii)	NIL	NIL	NIL
Change in indebtedness during the Financial Year 2018-19			
Addition			
(i) Principal Amount			
(ii) Interest due but not paid			
(iii) Interest accrued but not due			
Total(i+ii+iii)	NIL	NIL	NIL
Reduction - Principal Amount			
Reduction - Interest accrued but not due			
Total			
Net Change	NIL	NIL	NIL
Indebtedness at the end of the Financial Year 2018-19			
(i) Principal Amount			
(ii) Interest due but not paid			
(iii) Interest accrued but not due			
Total(i+ii+iii)	NIL	NIL	NIL

### VI) REMUNERATION OF DIRECTORS AND KEY MANAGERIAL PERSONNEL

### A. Remuneration to Managing Director, Whole-time directors and / or Manager:

SI.	Particulars of Remuneration	Name of MD / WTD/ Manager				(in Rs.) <b>Total</b>
No.		G Chatterjee	A K Mukherjee	Subir Chakraborty	Arun Mittal	Amount
1	Gross salary					
(a)	Salary as per provisions contained in section 17(1) of the Income-tax Act, 1961	2,53,00,000	1,38,09,752	92,77,092	74,56,004	5,58,42,848
(b)	Value of perquisites u/s 17(2) Incometax Act, 1961	23,83,111	19,84,131	16,42,237	17,19,431	77,28,910
(c)	Profits in lieu of salary under section 17(3) Income- tax Act, 1961	-	-	-	-	-
2	Stock Option	-	-	-	_	-
3	Sweat Equity	-	-	-	-	-
4	Commission	1,19,90,000	69,04,876	46,38,546	36,02,500	2,71,35,922
	- as % of profit					
	- others, specify					
5	Others ,please specify (Retiral Benefits)	60,34,567	34,75,224	23,34,581	18,13,138	1,36,57,510
	Total (A) = (1+2+3+4+5)	4,57,07,678	2,61,73,983	1,78,92,456	1,45,91,073	10,43,65,190
	Ceiling as per the Act	Rs. 1,23,85,79,0 as per Section 1	, ,	•		npany calculated

### B. Remuneration to other directors:

SI.	Particulars of	Name of Director					(in Rs.) <b>Total</b>		
No.	Remuneration	R B Raheja	Mona N Desai	Vijay Aggarwal	Bharat Shah	Sudhir Chand	Nawshir Mirza	Surin Kapadia	Amount
1	Independent Directors		I						
	Fee for attending board & committee meetings	-	6,75,000	6,25,000	3,75,000	6,00,000	6,75,000	6,75,000	36,25,000
	Commission <sup>1</sup>	-	15,00,000	15,00,000	40,00,000	15,00,000	40,00,000	15,00,000	1,40,00,000
	Total (1)	-	21,75,000	21,25,000	43,75,000	21,00,000	46,75,000	21,75,000	1,76,25,000
2	Other Non-Executive Directors								
	Fee for attending board & committee meetings	2,25,000	-	-	-	-	-	-	2,25,000
	Commission	-	-	-	-	-	-	-	-
	Others, please specify	-	-	-	-	-	-	-	
	Total (2)	2,25,000	-	-	-	-	-	-	
	Total (B) = (1+2)	2,25,000	21,75,000	21,25,000	43,75,000	21,00,000	46,75,000	21,75,000	1,78,50,000
	Total Managerial Remuneration (A+B)								12,22,15,190
	Overall Ceiling as per the Act		24,36,921/- mpanies Act		of the net pr	ofits of the C	Company calo	culated as pe	r Section 198

<sup>1.</sup> The commission for the year ended March 31, 2019 will be paid, subject to deduction of tax, after adoption of accounts by the members.

### C. Remuneration to Key Managerial Personnel other than MD/ MANAGER/ WTD

(in Rs.) SI. Particulars of Remuneration Jitendra Kumar Total (Company Secretary) No. 1 Gross salary (a) Salary as per provisions contained in section 17(1) of the Income-tax 59,71,884 59,71,884 Act, 1961 (b) Value of perquisites u/s 17(2) Income-tax Act, 1961 11,45,995 11,45,995 (c) Profits in lieu of salary under section 17(3) Income-tax Act, 1961 Stock Option 3 **Sweat Equity** Commission - as % of profit - others, specify... 8.71.662 8.71.662 5 Others ,please specify (Retiral Benefits) Total (C) = (1+2+3+4+5)79,89,541 79,89,541

### VII) PENALTIES / PUNISHMENT / COMPOUNDING OF OFFENCES:

Тур	oe	Section of the Companies Act	Brief Description	Details of Penalty/ Punishment Compounding fees imposed	Authority [RD/ NCLT/ COURT]	Appeal made, if any (give details)
Α.	COMPANY					
	Penalty					
	Punishment					
	Compounding					
В.	DIRECTORS					
	Penalty					
	Punishment					
	Compounding			/		
C.	OTHER OFFICERS IN DEFAULT					
	Penalty					
	Punishment					
	Compounding					

On behalf of Board of Directors

Sd/-Bharat D Shah

Place : Mumbai Chairman
Date : 30th April, 2019
DIN: 00136969

### **ANNEXURE - VI**

Information as per Clause (m) of Sub-section (3) of Section 134 of the Companies Act, 2013 read with Rule 8 of the Companies (Accounts) Rules, 2014 and forming part of the Directors' Report for the year ended 31st March, 2019

### A. CONSERVATION OF ENERGY

### The steps taken or impact on conservation of energy

There is constant focus at all level in the organisation to conserve the energy and use it efficiently. This is also key to financial success, as energy is one of the important cost element of conversion cost. Your Company has been implementing short- and long-term actions to improve the energy efficiency as its commitment towards minimising the effects of factors of climate change. It has grounded mechanism to excel in this area. Regular review is conducted for evaluating the progress and effectiveness of various ongoing initiatives to reduce the energy consumption. TPM is leveraged to excel in operation. Factories of your Company have 'Energy' as one of TPM Pillar which exclusively focuses on achieving global performance standards. Periodic energy audit is also conducted.

Some of the initiatives undertaken by your Company to conserve energy includes:

- Installed energy monitoring system, energy dash board at shop floors at all manufacturing units.
- Installation of thyristorised heating system for lead melting pots
- Installation of timers in blowers, air conditioners & cooling fans
- > Variable frequency drives installed for all compressors for effective speed control with respect to discharge pressure
- Shift-wise monitoring to power off idle running equipment
- Installation of maximum demand controller for controlling peak demands
- > Use of energy-less roof turbine ventilators
- > Replacement of individual lead melting pot by common lead pot melting & gravity feed line
- > Installation of inverter air conditioners
- > Optimisation of input power in formation
- Optimisation of charging schedule for lesser power consumption
- Optimised Compressed Air System energy consumption by minimising line loss by modifying air

distribution pipeline, reducing generation pressure, arresting compressed air leakages, Added VVFD-Air Compressor to meet the variable load demand, installed air flow totalised & energy meters for better monitoring & tracking purpose.

- > High Energy Efficient Motor (IE-3 & IE-4) in-place of low operational efficiency & re-winded motor.
- Energy Efficient Water pumps in place of Inefficient pumps.
- Improved APC Bag Filter & Scrubber Fan / Blower Efficiency.
- Improve Power Quality by installing Active Harmonic Filter.
- > Use of timers for office Air Conditioning system.

### (ii) Steps taken for utilising alternate sources of energy

- Installed Roof Top Solar Power plant Step towards green energy
- > Entered into agreements to purchase solar power with off-site solar power developer.
- Solar Module for Street Light Step towards green energy
- > Installation of Sky Shade Pipe Lighting

### (iii) The Capital investment made by the Company on energy conservation equipment during the financial year ended 31st March, 2019: Rs. 8.65 crores

### **B. TECHNOLOGY ABSORPTION**

# Technology Absorption, Adaptation and Innovation In order to maintain its leadership position, your Company is continuously focused on upgrading its product and manufacturing technology as well as acquire new and advanced technology to meet the emerging expectations of the customers. The R&D Department is actively involved in the development of cutting-edge products together with developments in new materials as well as advanced manufacturing techniques. The activities are in full consonance of the Company objective of offering the most advanced energy storage solutions at minimum cost. Your Company also acquires state-of-art technologies through technical collaboration agreements with

leading international battery manufacturers. The inhouse R&D plays a major role in providing the interface between the Company priorities and the collaborators technology.

Based on the current priorities, accelerated efforts have been put in place to acquire, plan and implement production capability of state-of-art technologies like Ultrabattery for energy storage and automotive applications, EFB technology, to name a few.

Upgradation of the existing range of our products with help from our collaborators is a continuous process.

This happens through visits from either side, exchange of mail etc.

### II. Benefits

Introduction of new products/processes has helped the Company to meet the emerging market needs and also maintain its technological leadership. Significant benefits have been derived by way of enhanced market penetration by meeting the specific requirements of international and domestic vehicle manufacturers and the high quality conscious export markets.

### III. Particulars of Imported Technology in the last 3 years

Sr. No.	Technology Imported	Year of Import	Has Technology been absorbed	If not fully absorbed, reasons and future action plan	
1	Automotive and Valve Regulated Lead Acid Storage Batteries (VRLA) with 'Shin-Kobe Electric Machinery Co. Ltd.', Japan for Shamnagar, Haldia, Chinchwad and Hosur Plants	Since 1994 – 95. Current arrangement is effective from 1st April, 2015 and is valid upto 31st March, 2020	Agreement is for Technical Assistance for continuous improvements in manufacturing technology, process etc. of different products and is in progress	Since the technology is continuous, the Agreement will be ongoing	
2	Valve Regulated Lead Acid Storage Batteries (VRLA) for Motorcycles with Furukawa Battery Co. Ltd, Japan for Bawal and Ahmednagar Plants	Since 9th March, 2007. Current arrangement is effective from 1st April, 2015 and is valid till 31st March, 2020	Agreement is for Technical Assistance for continuous improvements in manufacturing technology, process etc. of different products and is in progress	Since the technology is continuous, the Agreement will be ongoing	
3	Automotive Batteries with C21 Alloy with Furukawa Battery Co. Ltd, Japan for Taloja and Bawal Plants	Since 2010. Current arrangement is effective from 1st December, 2015 and is valid till 30th November, 2020	Agreement is for Technical Assistance for continuous improvements in manufacturing technology of different products and is in progress.	Since the technology is continuous, the Agreement will be ongoing	
4	Automotive Technical Assistance Agreement with Furukawa Battery Co. Ltd, Japan for Taloja and Bawal Plants	Since 1987-1988. Current arrangement is effective from 1st December, 2015 and is valid till 30th November, 2020	Agreement is for Technical Assistance for continuous improvements in manufacturing technology of different products and is in progress	Since the technology is continuous, the Agreement will be ongoing	
5	Automotive Batteries for Idling Stop System with Furukawa Battery Co. Ltd, Japan for Taloja and Bawal Plants	Since 1st February, 2010. Current arrangement is effective from 1st April, 2015 and is valid till 31st March, 2020	Agreement is for Technical Assistance for continuous improvements in manufacturing technology of different products and is in progress	Since the technology is continuous, the Agreement will be ongoing	
6	Lead acid batteries, used for automotive, industrial, motor cycle and other applications, with East Penn Manufacturing Co., USA	Effective from 15th January, 2017 and is valid upto 14th January, 2020	In progress	Under development	
7	Special Conventional Batteries for Automotive applications with Shin- Kobe Electric Machinery Co. Ltd. Japan.	Effective from 3rd February, 2013 and is valid upto 2nd February, 2023	In progress	Under development	
8	Technical assistance to manufacture Li-lon batteries with Zhejiang Chaowei Chuangyuan Shiye Co. Ltd. Group, China	Effective from 3rd January, 2017 and is valid till 2nd January, 2025	In progress	Under development	

Sr. No.	Technology Imported	Year of Import	Has Technology been absorbed	If not fully absorbed, reasons and future action plan
9	Technology Cooperation and joint marketing of energy storage solution centred around Ultra Battery Technology with Smart Storage Pty Ltd. Australia (Ecoult)	Effective from 1st January, 2017 and is valid upto 31st December, 2021	In progress	Under development
10	Ultra Battery (UB) technology for stationary applications from East Penn Manufacturing Co., USA	Effective from 1st January, 2017 and is valid upto 31st December, 2021	In progress	Under development
11	License to use the Know-how and Technology for Bi-Polar lead acid storage batteries from 'Advanced Battery Concepts, LLC, USA'	Effective from 18th December, 2017 and is valid upto 17th December, 2037	In progress	Under development
12	License to use the technology in respect of enhanced flooded batteries, heavy duty batteries, motorcycle AGM batteries and stationary flooded batteries from 'Acumuladores Moura S.A., Brazil and Instituto De Tecnologia Edson Mororo ITEMM, Brazil'	Effective from 26th February, 2018 and is valid upto 25th February, 2028	In progress	Under development
13	License to use the technology from The Furukawa Battery Co. Ltd, Japan (FB) for manufacture of (a) Pocket Type Nickel - Cadmium Alkaline Storage Battery and (b) Sintered Type Nickel-Cadmium Alkaline Storage Battery for emergency power supply of electrical train and wide range of industrial electric equipment	Effective from 11th July, 2018 to 10th July, 2023	In progress	Under development
14	License to use the technology from The Furukawa Battery Co. Ltd., Japan (FB) in respect of Ultra Batteries for Automotive Applications to exploit the technology for manufacturing products for Automotive Applications and non-exclusive sub-license for selling Products in India including know-how for Automotive Applications	Commencing from 19th July, 2018 and valid till the last Patent and Patent Applications lapses, ceases or expires or all payment obligations under the sub-license agreement dated 19th July, 2018 are fully discharged by Exide Industries Limited	In progress	Under development
15	License to use the technology from The Furukawa Battery Co. Ltd, Japan to manufacture the Lead Acid Batteries integrated with an ultra-capacitor (Ultra Batteries)	Effective from 22nd October, 2018 and shall remain effective upto 21st October, 2023	In progress	Under development

### IV. Expenditure on Research & Development

The capital and revenue expenditure on R & D were Rs. 5.36 crores and Rs. 24.52 crores respectively, aggregating to Rs. 29.88 crores.

Total R & D expenditure as percentage of Net Turnover: 0.28%

# C. FOREIGN EXCHANGE – EARNINGS AND OUTGOINGS TOTAL FOREIGN EXCHANGE USED AND EARNED:

Used: Rs. 1313.55 crores Earned: Rs. 577.87 crores

On behalf of Board of Directors

Sd/-Bharat D Shah Chairman DIN: 00136969

Date: 30th April, 2019

Place : Mumbai

Date . Soth April, 2015