

Table 3.10 – Downtime data: Diffusion Extraction

<i>DIFFUSION EXTRACTION</i>						
<i>Operation / Equipment</i>	<i>Failure Type</i>	<i>Reason for stop</i>	<i>Failure Date</i>	<i>Start Time</i>	<i>Time to Next Failure (h)</i>	<i>Time to Repair (h)</i>
Diffuser 01	Automation Fails	Diffuser drive went into failure.	1-Jul	02:14	26,23	0,02
Diffuser 01	Automation Fails	Failure switch diffuser drive.	2-Jul	18:35	3,17	0,12
Diffuser 01	Mechanical failure	Broke the drive side of the diffuser or the current right side.	8-Jul	12:00	150,70	6,00
Diffuser 01	Mechanical failure	Broke the diffuser current right side	8-Jul	19:55	1,92	4,07
Diffuser 01	Mechanical failure	Breaking the chain drive of the diffuser	9-Jul	00:00	0,02	4,00
Diffuser 01	Mechanical failure	Breaking the chain drive of the diffuser	9-Jul	06:00	2,00	1,00
Diffuser 01	Mechanical failure	Breaking the chain drive of the diffuser	9-Jul	07:00	0,00	0,33
Diffuser 01	Mechanical failure	Maintaining the current diffuser	9-Jul	11:27	4,12	0,85
Diffuser 01	Mechanical failure	Maintaining the current diffuser	9-Jul	13:17	1,00	1,60
Diffuser 01	Mechanical failure	Current rail output diffuser drive.	10-Jul	22:24	31,12	1,58
Diffuser 01	Mechanical failure	Current rail output diffuser drive.	11-Jul	00:00	0,02	4,00
Output Mat	Mechanical failure	Replacement of the outfeed conveyor	23-Jul	11:22	303,37	0,68
Diffuser 01	Electrical failure	Tuned off the diffuser drive.	24-Jul	04:05	16,13	0,03
Diffuser 01	Electrical failure	Amperage high in the diffuser.	28-Jul	13:53	90,03	0,17
Diffuser 01	Electrical failure	Amperage high in the diffuser.	28-Jul	14:20	0,28	0,33
Diffuser 01	Operational failure	Amperage high in the diffuser.	28-Jul	16:12	1,53	0,02
Diffuser 01	Operational failure	Amperage high in the diffuser.	28-Jul	16:30	0,28	0,02
Diffuser 01	Operational failure	Amperage high in the diffuser.	28-Jul	17:05	0,57	0,02
Diffuser 01	Operational failure	Amperage high in the diffuser.	28-Jul	17:28	0,37	0,02
Diffuser 01	Operational failure	Amperage high in the diffuser.	28-Jul	18:04	0,58	0,02
Diffuser 01	Operational failure	Amperage high in the diffuser.	28-Jul	18:56	0,51	0,02
Diffuser 01	Operational failure	Amperage high in the diffuser.	28-Jul	19:30	0,55	0,02
Diffuser 01	Operational failure	Amperage high in the diffuser.	28-Jul	21:32	2,02	0,02
Diffuser 01	Mechanical failure	Maintenance in one of the diffuser chain links.	2-Aug	09:45	127,50	0,97
Diffuser 01	Mechanical failure	Current rail output diffuser drive.	2-Aug	11:20	0,62	11,30
Diffuser 01	Mechanical failure	Current rail output diffuser drive.	4-Aug	04:57	51,58	19,03
Diffuser 01	Mechanical failure	Maintaining the current diffuser	5-Aug	00:00	0,02	0,33
Diffuser 01	Failure of project construction	Trip diffuser turbines disarms pumps Desuper line (33).	9-Aug	00:49	73,15	0,37
Diffuser 01	Failure of project construction	Trip mats, turbines, pumps for no reason.	13-Aug	07:40	80,85	0,17
Diffuser 01	Mechanical failure	Maintaining the current diffuser	15-Aug	18:47	50,62	0,30
Diffuser 01	Failure of project construction	Adjust and rotate diffuser 02.	16-Sep	03:16	766,28	4,48
Diffuser 01	Operational failure	Temperatura alta linha 33.	25-Sep	01:00	200,75	1,40
Diffuser 01	Mechanical failure	Current rail output diffuser drive.	26-Oct	06:10	752,57	7,33
Diffuser 01	Mechanical failure	Broke bearing mixed juice pump.	27-Oct	10:00	20,50	3,75
Diffuser 01	Operational failure	Trip by high current diffuser drive.	5-Nov	04:40	210,42	0,12
Diffuser 01	Mechanical failure	Current rail output diffuser drive.	7-Nov	02:10	30,95	12,83
Diffuser 01	Mechanical failure	Current rail output diffuser drive.	9-Nov	17:38	56,63	6,20
Diffuser 01	Mechanical failure	Communication failure (inverter), broke the pin afofadoras threads (n° 01 a 10)	10-Nov	10:57	34,78	3,22
Diffuser 01	Mechanical failure	Current rail output diffuser drive.	18-Nov	20:30	202,67	9,07
Output Mat	Operational failure	Marc over the outfeed conveyor belt and drag the desaguador, due to poor percolation.	23-Nov	10:11	135,75	0,48

Source: The authors, (2016).