

# CENTURY RAYON : SHAHAD

## AMBIENT AIR MONITORY STATION

### MONITORING OF AMBIENT AIR DATA ( ON DAILY AVERAGE BASIS )

Date	CS <sub>2</sub>	H <sub>2</sub> S	SO <sub>x</sub>	NO <sub>x</sub>
<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
<b>October 2010</b>				
Avg Oct-1st week	30	31	28	38
Avg Oct-2nd week	35	28	36	38
Avg Oct-3rd week	36	29	40	37
Avg Oct-4th week	40	30	36	40
<b>November 2010</b>				
Avg Nov-1st week	39	22	26	41
Avg Nov-2nd week	32	29	23	35
Avg Nov-3rd week	29	26	24	45
Avg Nov-4th week	35	29	33	40
<b>December 2010</b>				
Avg Dec-1st week	27	31	30	41
Avg Dec-2nd week	29	32	34	43
Avg Dec-3rd week	32	28	26	41
Avg Dec-4th week	29	30	28	37
<b>January 2011</b>				
Avg Jan-1st week	28	31	19	20
Avg Jan-2nd week	33	37	25	27
Avg Jan-3rd week	28	37	31	32
Avg Jan-4th week	30	39	32	31
<b>February 2011</b>				
Avg Feb-1st week	48	26	28	34
Avg Feb-2nd week	53	30	31	34

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Avg Feb-3rd week	55	23	50	39
Avg Feb-4th week	53	21	49	37
<b>March 2011</b>				
Avg Mar-1st week	61	41	40	34
Avg Mar-2nd week	69	58	39	35
Avg Mar-3rd week	62	55	42	30
Avg Mar-4th week	65	53	46	30
<b>April 2011</b>				
Avg April-1st week	51	27	67	30
Avg April-2nd week	65	20	67	28
Avg April-3rd week	66	20	58	28
Avg April-4th week	67	19	56	27
<b>May 2011</b>				
Avg May-1st week	65	33	52	33
Avg May-2nd week	58	46	50	43
Avg May-3rd week	64	44	50	42
Avg May-4th week	62	46	52	42
<b>June 2011</b>				
01/06/11	59	51	45	37
02/06/11	58	52	44	41
03/06/11	59	51	42	38
04/06/11	54	49	45	37
05/06/11	51	48	41	37

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<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
06/06/11	53	50	43	35
07/06/11	35	31	66	48
<b>Avg June-1st week</b>	<b>53</b>	<b>47</b>	<b>47</b>	<b>39</b>
08/06/11	43	31	69	50
09/06/11	35	40	66	48
10/06/11	38	35	64	46
11/06/11	41	37	65	48
12/06/11	40	41	66	47
13/06/11	44	38	57	46
14/06/11	43	35	58	46
<b>Avg June-2nd week</b>	<b>41</b>	<b>37</b>	<b>64</b>	<b>47</b>
15/06/11	43	42	57	50
16/06/11	39	45	53	55
17/06/11	37	46	59	47
18/06/11	51	63	50	46
19/06/11	43	42	60	42
20/06/11	46	40	59	36
21/06/11	36	41	51	37
<b>Avg June-3rd week</b>	<b>42</b>	<b>46</b>	<b>56</b>	<b>45</b>
22/06/11	41	44	58	44
23/06/11	29	26	42	36
24/06/11	51	35	46	41
25/06/11	61	44	43	43

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<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
26/06/11	42	33	48	40
27/06/11	43	44	60	51
28/06/11	40	36	58	44
29/06/11	62	28	27	32
30/06/11	42	29	48	42
<b>Avg June-4th week</b>	<b>46</b>	<b>35</b>	<b>48</b>	<b>41</b>
<b>July 2011</b>				
01/07/11	32	30	28	27
02/07/11	33	32	33	29
03/07/11	38	33	29	33
04/07/11	36	34	36	27
05/07/11	35	29	30	31
06/07/11	38	37	31	31
07/07/11	33	32	37	33
<b>Avg July-1st week</b>	<b>35</b>	<b>32</b>	<b>32</b>	<b>30</b>
08/07/11	35	41	47	37
09/07/11	33	43	40	47
10/07/11	35	39	43	36
11/07/11	40	46	45	35
12/07/11	35	40	41	34
13/07/11	33	37	42	35
14/07/11	32	40	44	34
<b>Avg July-2nd week</b>	<b>35</b>	<b>41</b>	<b>43</b>	<b>37</b>

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Date	CS <sub>2</sub>	H <sub>2</sub> S	SO <sub>x</sub>	NO <sub>x</sub>
<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
15/07/11	39	35	36	41
16/07/11	39	37	40	32
17/07/11	28	32	39	35
18/07/11	36	60	45	36
19/07/11	33	52	45	40
20/07/11	28	32	33	18
21/07/11	26	35	37	20
<b>Avg July-3rd week</b>	<b>33</b>	<b>40</b>	<b>39</b>	<b>32</b>
22/07/11	25	35	55	23
23/07/11	29	38	16	22
24/07/11	29	33	32	24
25/07/11	27	31	28	30
26/07/11	31	32	36	29
27/07/11	17	18	21	17
28/07/11	25	30	26	35
29/07/11	30	24	27	23
30/07/11	33	24	29	20
31/07/11	32	23	35	28
<b>Avg July-4th week</b>	<b>28</b>	<b>29</b>	<b>31</b>	<b>25</b>
<b>August 2011</b>				
01/08/11	23	32	27	26
02/08/11	26	16	18	28
03/08/11	21	20	23	22

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Date	CS <sub>2</sub>	H <sub>2</sub> S	SO <sub>x</sub>	NO <sub>x</sub>
<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
04/08/11	22	24	21	25
05/08/11	28	23	16	22
06/08/11	30	35	24	37
07/08/11	29	28	23	27
<b>Avg Aug-1st week</b>	<b>26</b>	<b>25</b>	<b>22</b>	<b>27</b>
08/08/11	22	23	31	27
09/08/11	20	25	29	29
10/08/11	19	24	23	19
11/08/11	30	35	26	20
12/08/11	20	17	23	31
13/08/11	17	17	21	27
14/08/11	20	17	23	24
<b>Avg Aug-2nd week</b>	<b>21</b>	<b>23</b>	<b>25</b>	<b>25</b>
15/08/11	12	15	18	25
16/08/11	24	21	24	25
17/08/11	20	19	26	24
18/08/11	16	23	28	34
19/08/11	16	21	22	40
20/08/11	22	26	37	31
21/08/11	26	24	32	31
<b>Avg Aug-3rd week</b>	<b>19</b>	<b>21</b>	<b>27</b>	<b>30</b>
22/08/11	17	19	21	30
23/08/11	14	16	28	24

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<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
24/08/11	15	15	24	29
25/08/11	10	14	18	35
26/08/11	25	20	10	28
27/08/11	12	18	10	13
28/08/11	17	23	8	26
29/08/11	13	13	25	21
30/08/11	17	16	25	24
31/08/11	14	18	26	28
<b>Avg Aug-4th week</b>	<b>15</b>	<b>17</b>	<b>20</b>	<b>26</b>
<b>September 2011</b>				
01/09/11	16	16	21	23
02/09/11	13	20	8	30
03/09/11	14	23	8	27
04/09/11	16	20	22	30
05/09/11	12	12	13	23
06/09/11	18	26	21	30
07/09/11	16	19	20	22
<b>Avg Sept-1st week</b>	<b>15</b>	<b>19</b>	<b>16</b>	<b>26</b>
08/09/11	15	18	20	24
09/09/11	19	23	28	25
10/09/11	14	17	20	23
11/09/11	12	20	20	26
19/01/00	19	18	24	22

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<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
13/09/11	13	18	24	24
14/09/11	17	23	21	25
<b>Avg Sept-2nd week</b>	<b>16</b>	<b>20</b>	<b>22</b>	<b>24</b>
15/09/11	12	19	25	26
16/09/11	13	21	16	22
17/09/11	14	23	22	26
18/09/11	23	25	23	25
19/09/11	21	26	21	19
20/09/11	20	19	19	22
21/09/11	15	15	17	15
<b>Avg Sept-3rd week</b>	<b>17</b>	<b>21</b>	<b>20</b>	<b>22</b>
22/09/11	13	19	13	17
23/09/11	29	20	21	27
24/09/11	16	14	12	15
25/09/11	28	24	19	17
26/09/11	13	16	17	12
27/09/11	16	20	15	29
28/09/11	25	29	19	26
29/09/11	18	12	15	19
30/09/11	26	40	19	25
<b>Avg Sept-4th week</b>	<b>20</b>	<b>22</b>	<b>17</b>	<b>21</b>
<b>October 2011</b>				
01/10/11	19	23	17	28

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<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
02/10/11	16	19	25	27
03/10/11	17	19	27	15
04/10/11	37	20	18	22
05/10/11	13	19	26	32
06/10/11	15	24	17	27
07/10/11	20	25	14	27
<b>Avg Oct-1st week</b>	<b>20</b>	<b>21</b>	<b>21</b>	<b>25</b>
08/10/11	26	25	29	31
09/10/11	20	28	27	20
10/10/11	35	26	21	30
11/10/11	21	29	34	37
12/10/11	14	25	23	38
13/10/11	26	34	17	16
14/10/11	48	32	29	40
<b>Avg Oct-2nd week</b>	<b>27</b>	<b>28</b>	<b>26</b>	<b>30</b>
15/10/11	19	20	21	21
16/10/11	22	27	14	14
17/10/11	8	12	21	16
18/10/11	27	23	8	12
19/10/11	33	41	24	30
20/10/11	31	23	16	22
21/10/11	20	22	19	16
<b>Avg Oct-3rd week</b>	<b>23</b>	<b>24</b>	<b>18</b>	<b>19</b>

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<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
22/10/11	16	30	23	45
23/10/11	49	36	22	50
24/10/11	34	25	29	25
25/10/11	37	29	36	26
26/10/11	15	17	26	17
27/10/11	28	27	25	27
28/10/11	14	25	20	33
29/10/11	28	24	22	50
30/10/11	39	52	54	49
31/10/11	63	36	35	41
<b>Avg Oct-4th week</b>	<b>32</b>	<b>30</b>	<b>29</b>	<b>36</b>
<b>November 2011</b>				
01/11/11	32	25	23	28
02/11/11	43	35	26	33
03/11/11	27	34	25	35
04/11/11	31	26	41	38
05/11/11	23	20	22	35
06/11/11	27	23	30	26
07/11/11	39	28	36	32
<b>Avg Nov-1st week</b>	<b>32</b>	<b>27</b>	<b>29</b>	<b>32</b>
08/11/11	31	33	24	26
09/11/11	19	33	15	18
10/11/11	28	26	25	32

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<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
11/11/11	31	27	27	26
12/11/11	34	29	40	32
13/11/11	33	50	56	34
14/11/11	28	24	20	19
<b>Avg Nov-2nd week</b>	<b>29</b>	<b>32</b>	<b>30</b>	<b>27</b>
15/11/11	49	48	45	51
16/11/11	40	35	50	36
17/11/11	41	34	43	42
18/11/11	36	33	33	39
19/11/11	37	28	39	40
20/11/11	45	47	33	40
21/11/11	43	40	37	40
<b>Avg Nov-3rd week</b>	<b>42</b>	<b>38</b>	<b>40</b>	<b>41</b>
22/11/11	36	38	42	34
23/11/11	44	53	34	35
24/11/11	38	35	35	34
25/11/11	34	21	22	24
26/11/11	36	38	34	33
27/11/11	38	35	24	29
28/11/11	35	32	24	22
29/11/11	27	32	30	26
30/11/11	30	27	30	35
<b>Avg Nov-4th week</b>	<b>35</b>	<b>35</b>	<b>31</b>	<b>30</b>

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<b>December 2011</b>				
01/12/11	42	37	35	28
02/12/11	39	34	31	34
03/12/11	36	28	29	24
04/12/11	22	22	30	33
05/12/11	26	27	36	28
06/12/11	59	41	29	23
07/12/11	29	26	36	24
<b>Avg Dec-1st week</b>	<b>36</b>	<b>31</b>	<b>32</b>	<b>28</b>
08/12/11	28	36	36	24
09/12/11	46	40	35	30
10/12/11	20	27	32	27
11/12/11	37	31	43	30
12/12/11	21	28	34	24
13/12/11	25	25	25	26
14/12/11	21	27	32	23
<b>Avg Dec-2nd week</b>	<b>28</b>	<b>31</b>	<b>34</b>	<b>26</b>
15/12/11	23	23	34	34
16/12/11	58	36	36	32
17/12/11	41	33	40	27
18/12/11	56	43	37	41
19/12/11	48	52	39	41
20/12/11	55	50	45	42

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<b>LIMITS</b>	<b>100 ug/m3</b>	<b>150 ug/m3</b>	<b>80 ug/m3</b>	<b>80 ug/m3</b>
21/12/11	36	43	52	46
<b>Avg Dec-3rd week</b>	<b>45</b>	<b>40</b>	<b>40</b>	<b>38</b>
22/12/11	44	49	53	56
23/12/11	44	33	31	20
24/12/11	33	40	43	41
25/12/11	56	38	47	44
26/12/11	63	45	30	36
27/12/11	38	46	24	30
28/12/11	46	42	45	38
29/12/11	26	37	49	44
30/12/11	52	40	32	34
31/12/11	55	45	32	26
<b>Avg Dec-4th week</b>	<b>46</b>	<b>42</b>	<b>39</b>	<b>37</b>