# ESIC Monthly Contribution Creator

Release notes, user guide and error codes

Version 2.0.0 | Released 12 November 2026 | Techmin HR Solutions, a subsidiary of Techmin Wealth Partners

## What is new in Version 2.0.0

This is a big update. It fixes the ESIC upload problem, saves your work by itself, and has a new look.

- The ESIC file is now a real Excel 97-2003 file (.xls). The ESIC website asks for this kind of file. The tool used to make a newer .xlsx file.
- All six columns in the file are now Text. Before, only the last column was Text. IP numbers keep their zeros. Dates never turn into numbers.
- Last working day is now written as DD-MM-YYYY, for example 05-11-2026. Before, it used slashes (05/11/2026) and ESIC said "Invalid Date Format".
- Employees who were paid now get reason code 0 in the file, as in the ESIC code list.
- The file name is now TECHMIN_ESIC_MC_YYYY-MM.xls, for example TECHMIN_ESIC_MC_2026-11.xls.
- Before you can download, the tool checks every row. The download button stays off until all the mandatory checks pass.
- The tool opens the finished file again and checks every cell before it gives you the file. If anything is wrong, it stops and tells you (ESIC-E310).
- Auto Save: every change is saved by itself in your browser database. You can close the page or refresh it. Your work comes back.
- A SAVE button is always at the top of the page, even when you scroll. Press it to save right now. It shows "All changes saved successfully." and the time.
- A small light near the SAVE button shows the save state: blue = saving, amber = not saved yet, green = saved, red = save failed.
- Each month has its own saved page. You can open an old month any time. Changing the month never changes another month.
- Backup: download one .json file with all your months, and load it back later. Old backups from earlier versions still load.
- Previous version: the tool keeps one older copy of each month. You can bring it back with one button.
- Asks "Are you sure?" before it removes an employee, clears rows, replaces data or deletes a month.
- New look: navy and teal colours, a six-card summary at the top, a table you can search, sort and filter, and a Validation page that lists every problem with a "Go to record" button.
- New error codes: ESIC-E110, E111, E112, E114, E310, E501, E502, W206, W207, I301 and I302. See the Error codes page.

## What was wrong before (the real reasons the ESIC site refused the file)

1. Wrong file type. The tool made an .xlsx file. The ESIC website expects Excel 97-2003 (.xls).
2. Wrong cell type. Only the date column was set to Text. Days, wages and reason code were numbers. ESIC wants all six columns as Text.

3. Wrong date style. The last working day was written with slashes (05/11/2026). The ESIC message asks for DD-MM-YYYY with dashes (05-11-2026).
4. No safety check. Nothing looked inside the file after it was made.

Changing only the look of the date on the screen would not have fixed these. The tool now writes the real text into the file.

## What did not change

- The money sums are the same: employee 0.75 per cent and employer 3.25 per cent, each rounded up. The Rs. 176 average daily wage rule is the same.
- The PDF report, the input template, the masking of imported names and numbers, and the feedback form are the same.
- Your old saved work from Version 1 is moved into the new storage by itself the first time you open this version.

## Very easy guide: how to use the tool

Read one step at a time. Do the steps in order.

1. Open the tool in Chrome or Edge. At the top you see a blue bar. It has the SAVE button.
2. Pick the month. Find "Contribution month" at the top. Choose the month you want, for example November 2026.
3. Type the name of your company in "Establishment name". This is only for you. It is optional.
4. Add your workers. Press "+ Add employee". One row is one worker. Or press "Download blank input template", fill it in Excel, and then use "Import your ESIC template".
5. Fill the boxes in each row. IP Number: 10 digits, only numbers. Name: letters and spaces. Payable days: how many days the worker was paid. Gross wages: the money earned that month.
6. If a worker has 0 days and 0 wages, choose a reason in "Employee status". If the reason is Left Service, Retired, Out of Coverage, Expired, Non-Implemented Area or Retrenchment, also type the last working day like this: 05-11-2026.
7. Look at the colours. Green dot = good. Yellow = look again. Red = must fix. Red boxes tell you which box is wrong.
8. Press "VALIDATE DATA". The tool checks every row. Read the red messages and fix them. The Validation page lists them all. Press "Go to record" to jump to the worker.
9. When the message says all checks passed, press "DOWNLOAD ESIC EXCEL". You get a file like TECHMIN_ESIC_MC_2026-11.xls.
10. Go to the ESIC employer website and upload this file in the monthly contribution page. Switch off the pop-up blocker first. Do not change the file in Excel before you upload it.
11. Press SAVE any time you like. The tool also saves by itself.
12. To work on another month, change "Contribution month". The old month stays safe. Change it back to see the old month again.
13. Once a week, open "Data, backup and settings" and press "Download backup (.json)". Keep the file in a safe folder.

## Words to know

| Word | What it means |
|---|---|
| **ESIC** | The Employees' State Insurance Corporation. Workers and employers pay a small part of wages every month. |
| **IP Number** | The 10-digit ESIC number of one worker. |
| **Payable days** | The number of days the worker was paid for in the month. |
| **Gross wages** | All the money the worker earned in the month, before cuts. |
| **Reason code** | A number that says why a worker had 0 days. 0 means paid normally. |
| **Last working day** | The last day the worker came to work. Only for workers who left, retired and so on. |
| **Auto Save** | The tool saves by itself after every change. |
| **Validate** | Check that everything is right. |
| **Backup** | A copy of your work in a file, kept somewhere safe. |

## The colour guide

| Colour | What it means | What you do |
|---|---|---|
| **Green dot or green status** | The row is good. | Nothing. |
| **Yellow or amber** | A warning. The row can still be downloaded. | Read it and decide. |
| **Red** | An error. The download is blocked. | Fix the red box. |
| **Blue "Saving..."** | The tool is saving now. | Wait a moment. |
| **Amber "Unsaved changes"** | You changed something. A save is coming. | Press SAVE if you want it at once. |
| **Green "All changes saved"** | Your work is safe in the browser. | Nothing. |
| **Red "Save failed"** | The browser could not save. | Press SAVE again. If it fails, download a backup. |

## The six columns in the ESIC file

| Column | Name | What goes in it |
|---|---|---|
| **A** | IP Number | 10 digits, as Text |
| **B** | IP Name | Capital letters and spaces only |
| **C** | No of Days | A whole number. It can not be more than the days in the month. |
| **D** | Total Monthly Wages | The wages as a plain number |
| **E** | Reason Code | 0 for paid workers. For 0 days: the reason number (for example 2 = Left Service). |
| **F** | Last Working Day | Blank, or DD-MM-YYYY when the reason needs it |

There is one heading row and then one row for each worker. There are no extra columns, no empty heading rows and no joined cells.

## Reason codes used by the tool

| Code | Reason | Last working day |
|---|---|---|
| **0** | Active, wages paid (without reason) | Blank |
| **1** | On Leave | Blank |
| **2** | Left Service | Needed when days = 0 |
| **3** | Retired | Needed when days = 0 |
| **4** | Out of Coverage (only in April or October) | Needed when days = 0 |
| **5** | Expired | Needed when days = 0 |
| **6** | Non-Implemented Area | Needed when days = 0 |
| **7** | Compliance by Immediate Employer | Blank |
| **8** | Suspension of Work | Blank |
| **9** | Strike / Lockout | Blank |
| **10** | Retrenchment | Needed when days = 0 |
| **11** | No Work | Blank |
| **12** | Doesn't Belong To This Employer | Blank |
| **13** | Duplicate IP | Blank |

## Saving, backup and privacy

- Everything runs in your browser. Your data is not sent to any server by this tool.
- Auto Save writes to the browser database (IndexedDB) of this browser on this computer. A different browser or computer will not see it. Use a backup to move your work.
- The tool never saves an empty page over your saved work because of a start-up problem. If the saved data can not be read, it tells you (ESIC-E502) and waits for you.
- Clearing your browser data, or using a private window, can remove the browser copy. Backups and the optional file copy are not affected.
- In Chrome or Edge on a computer you can add a file copy. Every save is then copied to a file you choose.
- Backup files contain IP numbers and names. Keep them in a safe folder and do not share them.

## Known limits

- This is an independent tool. It is not an ESIC product. We could not test uploads on the live ESIC website. The file follows the published ESIC instructions: Excel 97-2003, Text cells, six columns, DD-MM-YYYY dates. Please upload one test file first.
- The name of the worksheet in the file is Sheet1. The ESIC instructions we could read do not give a required name.
- Coverage rules, the wage limit, contribution periods and arrears are not worked out beyond the warnings.
- Masking hides IP numbers and names on the screen only. The file, the backups and the saved data hold the full values.

## Error codes and what to do

Every message in the tool has a code in square brackets, like [ESIC-E101]. Find the code here to see what it means and what to do.

| Code | Type | What it means | What to do |
|---|---|---|---|
| **ESIC-E101** | Error | IP number is missing, has letters or symbols, or is not exactly 10 digits. | Type exactly 10 digits. Use numbers only. No spaces, no dots, no letters. |
| **ESIC-E102** | Error | Employee name is empty or has no letters. | Type the name with letters and spaces, as in ESIC records. |
| **ESIC-E103** | Error | Payable days is empty, below 0 or not a whole number. | Type whole days such as 0, 15 or 30. |
| **ESIC-E104** | Error | Gross wages is empty, below 0 or not a number. | Type the wages as a number, 0 or more. |
| **ESIC-E105** | Error | Wages are above 0 but payable days are 0. | Make the wages 0, or correct the days. |
| **ESIC-E106** | Error | A last working day is typed but payable days are above 0. | Clear the date, or make the days 0. |
| **ESIC-E107** | Error | A last working day is typed for a status or amounts that do not allow it. | Use it only when days and wages are 0 and the status is Left Service, Retired, Out of Coverage, Expired, Non-Implemented Area or Retrenchment. |
| **ESIC-E108** | Error | The last working day is missing where it is needed, or the date does not exist (for example 31-11-2026). | Type a real date as DD-MM-YYYY. |
| **ESIC-E109** | Error | The same IP number is in more than one row. | Remove or correct the repeated row. |
| **ESIC-E110** | Error | The last working day is not in DD-MM-YYYY style (for example 05/11/2026, 2026-11-05 or 05-Nov-2026). | Write it with dashes and two digits each: 05-11-2026. |
| **ESIC-E111** | Error | Payable days are more than the days in the chosen month (for example 31 days in November). | Type days that are not more than the days in the month. |
| **ESIC-E112** | Error | Out of Coverage (code 4) is used in a month that is not April or October. | Choose the right status, or choose April or October. |
| **ESIC-E114** | Error | No contribution month is chosen. | Choose the month and year at the top of the page. |
| **ESIC-W201** | Warning | Payable days are above 0 but wages are 0. | Check that this is right. |
| **ESIC-W203** | Warning | Wages are above Rs 21,000. | Check coverage and the contribution period. |
| **ESIC-W205** | Warning | The name has marks other than letters and spaces. | The file keeps only letters and spaces. Compare with ESIC records. |
| **ESIC-W206** | Warning | The last working day is after the end of the chosen month. | Check the date and the month. |
| **ESIC-W207** | Warning | Payable days are 0 but the status is Active. | Choose the reason why the days are 0. |
| **ESIC-I301** | Info | Average daily wages are Rs 176 or less. The employee share is Rs 0 and the employer share is still payable. | Nothing to fix. It is only to tell you. (This was warning W204 before.) |
| **ESIC-I302** | Info | An empty row. It is ignored and not written to the file. | Nothing to fix. You can remove the row. |
| **ESIC-E301** | Notice | Export or PDF was pressed with no employees. | Add or import employees first. |

| Code | Type | What it means | What to do |
|---|---|---|---|
| **ESIC-E302** | Error | The backup file or text is not a valid ESIC Creator backup. | Use a .json backup made by this tool. Do not edit it by hand. |
| **ESIC-E303** | Error | The Excel library did not load. | Check the internet and reload the page. |
| **ESIC-E304** | Error | The imported Excel file could not be read. | Use the input template from this tool, saved as .xlsx. |
| **ESIC-E305** | Error | The worksheet has no data. | Fill the ESI Data sheet and import again. |
| **ESIC-E306** | Error | The PDF report could not be made. | Reload the page and try again. |
| **ESIC-E310** | Error | The tool checked the new ESIC file and found a problem, so it did not give you the file. | Reload the page and try again. If it happens again, tell Techmin with this code. |
| **ESIC-E401** | Error | A file is too big or has too many rows. | Excel import: up to 10 MB and 20,000 rows. Backup file: up to 30 MB. |
| **ESIC-E501** | Error | The browser could not save or delete your data. | Press SAVE again. Download a backup. Check that the browser is not in a private window and has free space. |
| **ESIC-E502** | Error | The saved data could not be read when the page opened. | Nothing was overwritten. Download a backup if you can, then reload the page. If SAVE asks, only continue when you have a backup. |
| **ESIC-E701** | Notice | The feedback form can not be opened because the device is offline. | Connect to the internet and open the link again. |

## Version history

| Version | Date | Notes |
|---|---|---|
| **2.0.0** | 12 November 2026 | ESIC upload fix (real .xls, all Text cells, DD-MM-YYYY), full validation, Auto Save and always-visible SAVE button, saved months, JSON backup and restore, previous version, new design, Validation page, new error codes and a simple user guide. |
| **1.2.0** | 27 October 2026 | Feedback panel and error code ESIC-E701. |
| **1.1.0** | 27 October 2026 | Reports without logos, new footers, error codes, security hardening. |
| **1.0.0** | 24 October 2026 | First release. |

## Disclaimer

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